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ABSTRACT

A 20-item questionnaire was mailed to 1,032 prospective Continuing Education and Community Service agencies in Oregon. Two follow-up mailings plus interviews helped to produce a 77.8% return and the identification of 176 public and private and school and nonschool agencies. The purpose of the investigation was to ascertain what course and allied learning opportunity activity was being conducted and by which agencies. In addition, agencies were asked to estimate several things about the makeup of their enrollments, and certain financial questions were asked. Major findings include: Continuing Education and Community Services courses and allied learning opportunities are a 10 million dollar a year activity in Oregon; (2) Agencies are able to recover, on the average, 86% of the cost of their offerings; (3) The average fee charged course enrollees was estimated to be about $15.50; (4) The Division of Continuing Education provides the most clock hours of instruction of all Oregon agencies, and it serves more older adults than any other agency; (5) Less than 10% of the 176 agencies studied concentrate on providing for blue collar workers and the poor; (6) 124 agencies reported that less than 9% of the funds they spent in 1969-70 came from outside funding sources; (7) Outdoor Recreation and Physical Education followed by Agriculture followed by Safety and First Aid were the most frequent offerings during 1969-1970. (Author/CK)

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CONTINUING EDUCATION and COMMUNITY SERVICES

A SURVEY OF OREGON COURSES AND ALLIED LEARNING OPPORTUNITIES

ED056309

Division of Continuing Education

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CONTINUING EDUCATION AND COMMUNITY SERVICES

A SURVEY OF OREGON COURSES AND ALLIED LEARNING OPPORTUNITIES

A report
prepared for and funded by the
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under
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by

David C. Etter, Ed.D.
Division of Continuing Education
Oregon State System of Higher Education

Portland, Oregon

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ACKNOWLEDGMENTS

Although numerous persons were involved in the project which this report is about, I shall mention but two, for theirs were especial efforts.

The first is John Scheibelhut, who contributed to the preparation of the funding proposal and the survey questionnaire. My thanks to John for his assistance with the project. It was the project's loss when he accepted a permanent teaching position early in the information collection phase.

The second person who deserves mention is Zoe Ann Arrington, who served as chief research assistant. Miss Arrington came to the project as the list of prospective Continuing Education and Community Services agencies was nearing completion, and remained with the project until its conclusion. My sincere thanks goes to Miss Arrington for not only her timely critiques and vigil on detail but also her willingness to do and redo as the needs arose.

ABSTRACT OF THE REPORT

CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES IN OREGON: A SURVEY

by

David C. Etter, Ed.D.
Division of Continuing Education
Oregon State System of Higher Education

A twenty item questionnaire was mailed to 1,032 prospective Continuing Education and Community Services agencies in Oregon. Two follow-up mailings plus interviews helped to produce a 77.8 per cent return and the identification of 176 public and private and school and nonschool agencies.

The purpose of the investigation was to ascertain what course and allied learning opportunity activity was being conducted, where it was being conducted and by which agencies. In addition, agencies were asked to estimate several things about the makeup of their enrollments and certain financial questions were asked. Findings were compared to ones contained in the National Opinion Research Center (NORC) study and several were found comparable.

The major findings were:

1. Continuing Education and Community Services courses and allied learning opportunities are a 10 million dollar a year activity in Oregon.
2. Agencies are able to recover, on the average, 86 per cent of the cost of their offerings. Smaller agencies recover considerably more than do larger agencies and most private schools recover more than do public schools, colleges and universities.
3. The average fee charged the 508,896 enrollees in the 23,066 courses and allied learning opportunities reported was estimated to be $15.50.
4. The Division of Continuing Education provides the most clock hours of instruction of all Oregon agencies and it serves more older adults than any other agency.
5. Less than 10 per cent of the 176 agencies studied concentrate on providing for blue-collar workers and the poor.
6. One hundred twenty-four agencies reported that less than 9 per cent of the funds they spent in 1969-1970 came from outside funding sources.
7. Outdoor Recreation and Physical Education (4,812) followed by Agriculture (1,296) followed by Safety and First Aid (1,102) were the most frequent offerings during 1969-1970.
8. Churches and synagogues account for more than 26 per cent of the agencies but only 2.82 per cent of enrollments.
9. Colleges and universities account for 20 per cent of the agencies and 42 per cent of enrollments.
10. Considerable variations were found among different sections of the state and among subject areas with respect to participant age, method of instruction, subjects offered and related factors.

The more persistent difficulties encountered centered around definitions of terms and insufficient record keeping on the part of most agencies. An operational definition of Continuing Education and Community Services consonant with two-year and four-year school and university use of the terms had been chosen over other definitions, and of particular difficulty to obtain was budgetary information.

Ten agency recommendations were formulated at the conclusion of the study, as were eight recommendations for the benefit of future surveys.

The study was funded by the Educational Coordinating Council through Title I HEA 1965. Both a Critical Path Schedule (CPS) and an Agency and Course Inclusion Exclusion Decision Flowchart were employed in the conduct of the study.

HOW TO USE THIS REPORT

This report consists of four main sections:

1. A blue section which lists by agency categories the number and district location of all Continuing Education and Community Services courses offered in Oregon from May 1, 1969, through April 30, 1970
2. A yellow section which lists the number and location of Continuing Education and Community Services courses by major subject titles
3. A results and data analysis section (white) covering the information obtained by all items of the survey questionnaire including item 16 reported in the blue and yellow sections
4. Appendices containing the survey instruments, definitions, correlations, flowcharts, a listing of agencies, and other pertinent information

If you are:

An agency head wanting to know how your agency fares overall against other agencies, consult both the results section and the blue section.

A legislator seeking financial information, consult the results section.

An adult learner wanting to know if a certain course offering is attainable in your area, begin with the yellow section.

A researcher of adult education activity and institutions, go first to the blue and then to the results section.

A legislator looking to find how many courses are offered in your area, turn to the yellow section totals and Table 3.

The training director for a firm or institution, start with the yellow and then proceed to the blue section.

A serious Continuing Education and Community Services planner, you will, likely as not, want to read the entire report.

COURSE OFFERINGS
(Responses to Survey Questionnaire Item 16)

Part I

How to Use Part I. Table 1 summarizes the Continuing Education and Community Services course and allied learning opportunity activities of 176 agencies serving Oregon. The Table also divides the agencies into 16 agency categories A through P (see Appendix G). To locate the offerings of a particular agency where the category to which it belongs is uncertain, first consult the alphabetical listing of agencies (Appendix K). Following each agency name in the alphabetical listing will be a category identification letter referred to elsewhere in this report as a report code. The 176 agencies in Table 1 appear alphabetically within these report codes.

In addition to a grand total, Table 1 contains individual agency sub-totals and agency category totals.

Credibility. Part I consists of virtually all of the responses made to questionnaire item 16 (Appendix D) by the 176 Continuing Education and Community Services agencies. Although the type, number and location of Continuing Education and Community Services course offerings and allied learning opportunities to report was left mostly to agencies to decide according to the criteria given in the questionnaire, there were a dozen or so offerings which were ultimately eliminated. No steps were taken though to check, unobtrusively or otherwise, the validity of the offerings retained, on the basis that much effort had been expended to make sure each agency fully understood the type of information being sought by the survey questionnaire.

It should be remembered in looking at the lists on the following pages that they do not include all of the educational services and related activities of the various agencies represented. The lists consist only of Continuing Education and Community Services courses and allied learning opportunities. The Division of Continuing Education, for instance, offered many credit courses which, because they were taken primarily by degree seekers, were not included in the count of DCE courses. Neither does the list report the audiovisual library services which the DCE maintains as a public educational service. Likewise, the Cooperative Extension Service maintains numerous services of a consultive nature which do not appear in the count of its offerings. And, the Bureau of Governmental Research at the University of Oregon conducts a variety of research activities which did not place within the scope of this investigation and report.

TABLE 1
(Item 16)

STATEWIDE CONTINUING EDUCATION AND COMMUNITY SERVICES COURSE OFFERINGS
AND ALLIED LEARNING OPPORTUNITIES BY AGENCY CATEGORIES
N = 176

Agency Category and Agency	DISTRICT														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
A. Business and Industry (Public or semi-public offerings only)															
AMERICAN INSTITUTE OF BANKING PORTLAND CHAPTER															
16.3 Business and management															
Accounting and bookkeeping		9													9
Banking and finance		18													18
Business English		2													2
Business management and administration		2													2
Marketing and purchasing		18													18
Secretarial science		6													6
Supervision		2													2
16.4 Communications															
Spoken communication		2													2
Written communication		1													1
16.12 Law		4													4
Sub-total		64											TOTAL		64
EDUCATION AND TRAINING DEPARTMENT, TEKTRONIX, INC.															
16.2 Architecture and environmental design															
Architecture		1													1
Environmental design, general		2													2
Interior design		2													2

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
							DISTRICT								
16.3 Business and management															
Accounting and bookkeeping		3													3
Business management and administration		9													9
International business		1													1
Investments and securities		1													1
Personnel and training		14													14
Quantitative methods		3													3
Real estate and insurance		3													3
Secretarial science		6													6
16.4 Communications															
Reading		3													3
Spoken communication		3													3
Written communication		6													6
Other		3													3
16.5 Computer and information services															
Computer programing		4													4
Data processing		4													4
Systems, general		8													8
16.6 Education															
Educational technology		3													3
16.7 Engineering and technology															
Applied science		4													4
Electrical engineering, electronics		6													6
Engineering and technologies		14													14
Environmental and sanitary engineering		1													1
Mechanical engineering		6													6
Other		4													4

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.8 Fine and applied arts															
Fine arts, general		1													1
Music		1													1
Photography		1													1
16.9 Language															
English as a second language		1													1
Other languages		5													5
16.10 Health professions															
Other		1													1
16.11 Home economics and home arts															
Consumer economics and home management		1													1
Family relations and child development		1													1
16.12 Law		3													3
16.14 Mathematics		26													26
16.15 Physical sciences															
Chemistry		5													5
Geology		2													2
Metallurgy		2													2
Physics		3													3
16.16 Psychology															
Applied psychology		8													8
Developmental psychology		3													3
Social psychology		1													1
16.17 Public affairs and services															
Public administration		2													2
16.19 Technology															
Automotive, diesel		3													3
Drafting		10													10
Machine		5													5

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.19 (cont.)															
Metal		2													2
Welding		2													2
Other		7													7
16.21 General															
Adult basic education		5													5
Avocational (not covered elsewhere)		17													17
Personal/Family living		3													3
Sub-total		235													
TOTAL															235
CATEGORY A TOTAL															299
B. Community Colleges															
BLUE MOUNTAIN COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Agriculture, general												4			4
16.3 Business and management															
Accounting and bookkeeping												6			6
Investments and securities												3			3
Supervision												2			2
16.4 Communication															
Reading												2			2
16.5 Computer and information services															
Computer programing												3			3
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)												3			3
Painting, drawing, sculpture												12			12
Photography												2			2
16.9 Languages															
English as a second language												1			1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.10 Health professions															
Health professions, general												2			2
Medical specialties												1			1
Other												1			1
16.11 Home economics and home arts															
Clothing and textiles												13			13
Family relations and child development												1			1
16.13 Library science												1			1
16.14 Mathematics												2			2
16.16 Psychology															
Applied psychology												2			2
Social psychology												3			3
16.17 Public affairs and services															
Law enforcement and corrections												10			10
16.19 Technology															
Welding												5			5
Other												2			2
16.21 General															
Personal/Family living												1			1
Sub-total												82			
													TOTAL		82
CENTRAL OREGON COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Agriculture, general										1					1
Food science and technology										1					1
Other										1					1
16.2 Architecture and environmental design															
City, community and regional planning										1					1
Interior design										1					1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.2 (cont.)															
Landscape architecture										1					1
16.3 Business and management															
Accounting and bookkeeping										4					4
Banking and finance										1					1
Business English										1					1
Business management and administration										4					4
Investments and securities										3					3
Marketing and purchasing										1					1
Personnel and training										1					1
Quantitative methods										1					1
Real estate and insurance										3					3
Secretarial science										3					3
Supervision										1					1
Other										3					3
16.4 Communications															
Reading										2					2
Spoken communication										1					1
Written communication										1					1
Other										1					1
16.5 Computer and information services															
Computer programing										1					1
Data processing										1					1
Other										1					1
16.6 Education															
Curriculum and instruction										1					1
Other										1					1
16.7 Engineering and technology															
Applied science										1					1
Electrical engineering, electronics										1					1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.8 Fine and applied arts															
Applied design (ceramics, etc.)										5					5
Painting, etc.										3					3
Dance										1					1
Music										4					4
Photography										2					2
Other										1					1
16.9 Languages															
Other languages										3					3
16.10 Health professions															
Dental specialties										1					1
Health professions, general										1					1
Medical specialties										1					1
Nursing										4					4
Pharmacy										2					2
Other										1					1
16.11 Home economics and home arts															
Clothing and textiles										3					3
Consumer economics and home management										1					1
Family relations and child development										1					1
Home economics, general										1					1
Other										1					1
16.12 Law										2					2
16.14 Mathematics										5					5
16.15 Physical sciences															
Astronomy										1					1
Geology										1					1
Other										1					1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.16 Psychology															
Applied psychology										1					1
Other										1					1
16.17 Public affairs and services															
Other										9					9
16.18 Recreation and physical education															
Indoor										2					2
Outdoor										2					2
16.19 Technology															
Welding										5				1	6
Other										3					3
16.21 General															
Adult basic education										12					12
Avocational (not covered elsewhere)										30					30
Personal/Family living										20					20
16.22 Areas not covered															
Miscellaneous										24					24
Sub-totals										199				1	
													TOTAL		200
CHEMEKETA COMMUNITY COLLEGE															
16.2 Architecture and environmental design															
Architecture			3												3
City, community and regional planning			1												1
Landscape architecture			1												1
16.3 Business and management															
Accounting and bookkeeping			6												6
Business English			3												3
Business management and administration			1												1
Investments and securities			1												1
Real estate and insurance			8												8

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TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 (cont.)															
Secretarial science			35												35
Supervision			52												52
16.4 Communications															
Reading			3												3
Spoken communication			2												2
Written communication			4												4
16.5 Computer and information services															
Computer programing			10												10
Data processing			7												7
Systems, general			1												1
16.6 Education															
Curriculum and instruction			1												1
16.7 Engineering and technology															
Applied science			3												3
Civil engineering			16												16
Industrial engineering			1												1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)			1												1
16.10 Health professions															
Allied health sciences			1												1
Health professions, general			3												3
Hospital and health care administration			1												1
Nursing			3												3
Public health			1												1
16.11 Home economics and home arts															
Clothing and textiles			63												63
Consumer economics and home management			5												5

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
							DISTRICT								
16.11 (cont.)															
Family relations and child development			2												2
Home economics, general			7												7
Other			6												6
16.14 Mathematics			13												13
16.16 Psychology															
Applied psychology			9												9
Other			1												1
16.17 Public affairs and services															
Law enforcement and corrections			17												17
16.19 Technology															
Automotive, diesel			3												3
Drafting			11												11
Machine			14												14
Other			3												3
16.21 General															
Rehabilitation programs			3												3
1[illegible]2 Areas not covered above (specify)															
Electronics			16												16
Fire protection			4												4
Sub-total			346												
													TOTAL		346
CLACKAMAS COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Forestry		3													3
16.2 Architecture and environmental design															
Landscape architecture		3													3
16.3 Business and management															
Accounting and bookkeeping		9													9
Business English		2													2

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TABLE 1 (cont.)

Agency Category and Agency								DISTRICT							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 (cont.)															
Business management and administration		1													1
Investments and securities		1													1
Personnel and training		3													3
Real estate and insurance		7													7
Secretarial science		27													27
Supervision		3													3
16.4 Communications															
Reading		6													6
Written communication		3													3
16.6 Education															
Primary and secondary education		2													2
16.7 Engineering and technology															
Environmental and sanitary engineering		3													3
16.8 Fine and applied arts															
Applied design (ceramics, jewelry, weaving, commercial art)		3													3
Painting, drawing, sculpture		21													21
Fine arts, general		12													12
Music		6													6
Photography		3													3
Other		3													3
16.9 Languages															
Other languages		4													4
16.10 Health professions															
Other		3													3
16.11 Home economics and home arts															
Clothing and textiles		38													38
Family relations and child development		2													2

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
								DISTRICT							
16.11 (cont.)															
Home economics, general		3													3
16.17 Public affairs and services															
Law enforcement and corrections		3													3
Public administration		1													1
16.18 Recreation and physical education															
Indoor		4													4
Outdoor		3													3
16.19 Technology															
Drafting		5													5
Machine		5													5
Welding		12													12
Other		5													5
16.21 General															
Adult basic education		12													12
Driver education		3													3
16.22 Areas not covered above (specify)															
Seamanship-boating		5													5
Sub-total		229											TOTAL		229
CLATSOP COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Forestry	4														4
16.2 Architecture and environmental design															
Landscape architecture	1														1
16.3 Business and management															
Banking and finance	8														8
Business English	1														1
Investments and securities	2														2
Real estate and insurance	1														1
Secretarial science	9														9
Supervision	1														1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.4 Communications															
Written communication	2														2
16.5 Computer and information services															
Computer programing	1														1
Data processing	4														4
16.7 Engineering and technology															
Civil engineering	1														1
16.8 Fine and applied arts															
Applied design (ceramics, weaving)	2														2
Painting, drawing, sculpture	17														17
Music	6														6
Photography	3														3
16.9 Languages															
English as a second language	3														3
Other languages	8														8
16.10 Health professions															
Nursing	2														2
16.12 Law	1														1
16.14 Mathematics	3														3
16.15 Physical sciences															
Oceanography	1														1
16.16 Psychology															
Other: General	3														3
16.18 Recreation and physical education															
Indoor	6														6
Outdoor	3														3
16.19 Technology															
Welding	7														7
Other	2														2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.21 General															
Citizenship	2														2
Driver education	2														2
Sub-total	106												TOTAL		106
LANE COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Agriculture, general					1										1
Other					7										7
16.2 Architecture and environmental design															
Architecture					1										1
Interior design					4										4
Landscape architecture					2										2
16.3 Business and management															
Accounting and bookkeeping					24										24
Business management and administration					7										7
Investments and securities					5										5
Marketing and purchasing					1										1
Personnel and training					3										3
Production					1										1
Real estate and insurance					12										12
Secretarial science					45										45
Supervision					12										12
Other					1										1
16.4 Communications															
Broadcast technology					1										1
Reading					10										10
Spoken communication					30										30
Written communication					29										29
Other					2										2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.5 Computer and information services															
Computer programing					1										1
Data processing					7										7
Systems, general					1										1
16.6 Education															
Primary and secondary education					43										43
16.7 Engineering and technology															
Civil engineering					3										3
Electrical engineering, electronics					1										1
Engineering technologies					51										51
Other					1										1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)					22										22
Painting, drawing, sculpture					17										17
Dance					2										2
Fine arts, general					5										5
Music					5										5
Photography					11										11
16.9 Languages															
English as a second language					3										3
Other languages					30										30
16.10 Health professions															
Dental specialties					6										6
Health professions, general					5										5
Hospital and health care administration					2										2
Nursing					5										5
16.11 Home economics and home arts															
Clothing and textiles					116										116
Consumer economics and home management					2										2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.11 (cont.)															
Family relations and child development					7										7
Home economics, general					1										1
Other					26										26
16.12 Law					1										1
16.13 Library science					3										3
16.14 Mathematics					40										40
16.15 Physical sciences															
Chemistry					5										5
Geology					4										4
Oceanography					2										2
Physics					1										1
Other: Bio					24										24
16.16 Psychology															
Applied psychology (general)					5										5
Social psychology					3										3
Other					1										1
16.17 Public affairs and services															
Law enforcement and corrections					3										3
Other					20										20
16.18 Recreation and physical education															
Indoor					8										8
Outdoor					5										5
16.19 Technology															
Automotive, diesel					20										20
Drafting					9										9
Machine					10										10
Welding					58										58
Other: Mechanics					13										13
16.20 Theology					2										2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.21 General															
Adult basic education					13										13
Avocational (not covered elsewhere)					35										35
Citizenship					4										4
Driver education					5										5
Manpower development training					11										11
Personal/Family living					5										5
16.22 Areas not covered above (specify)															
Bartending					5										5
Construction					52										52
Custodial					5										5
Sub-total					943										
													TOTAL		943
LINN-BENTON COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Agriculture, general				19											19
16.2 Architecture and environmental design															
Interior design				6											6
Landscape architecture				5											5
16.3 Business and management															
Accounting and bookkeeping				27											27
Business English				5											5
Business management and administration				13											13
Investments and securities				4											4
Real estate and insurance				3											3
Secretarial science				34											34
Supervision				12											12
16.4 Communications															
Reading				12											12
Spoken communication				11											11
Written communication				12											12

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.5 Computer and information services															
Computer programing				7											7
Data processing				15											15
16.7 Engineering and technology															
Applied science				9											9
Environmental and sanitary engineering				9											9
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)				24											24
Painting, drawing, sculpture				34											34
Dance				5											5
Fine arts, general				11											11
Music				1											1
Photography				1											1
16.9 Languages															
English as a second language				3											3
Other languages				6											6
16.11 Home economics and home arts															
Clothing and textiles				120											120
Family relations and child development				1											1
Home economics, general				21											21
16.14 Mathematics				16											16
16.15 Physical sciences															
Chemistry				13											13
Geology				1											1
Metallurgy				7											7
Physics				5											5
Other				2											2
16.16 Psychology															
Applied psychology				6											6

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.17 Public affairs and services															
Law enforcement and corrections				7											7
16.18 Recreation and physical education															
Indoor				25											25
16.19 Technology															
Drafting				10											10
Metal				1											1
Welding				16											16
16.21 General															
Adult basic education				8											8
Driver education				12											12
Sub-total				559											
													TOTAL		559
MT. HOOD COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Agriculture, general		1													1
Forestry		1													1
16.2 Architecture and environmental design															
Interior design		2													2
Landscape architecture		3													3
16.3 Business and management															
Accounting and bookkeeping		10													10
Business English		4													4
Business management and administration		3													3
Investments and securities		4													4
Marketing and purchasing		3													3
Personnel and training		10													10
Real estate and insurance		15													15
Secretarial science		88													88
Supervision		11													11
Transportation		4													4

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 (cont.)															
Other:															
Salesmanship		1													1
Business law		2													2
Business economics		1													1
16.4 Communications															
Reading		10													10
Spoken communication		2													2
Written communication		30													30
16.5 Computer and information services															
Computer programing		3													3
Systems, general		3													3
16.6 Education															
Adult and higher education		1													1
16.7 Engineering and technology															
Electrical engineering, electronics		8													8
Engineering technologies		1													1
Other: Drafting		11													11
16.8 Fine and applied arts															
Applied design, ceramics, etc.)		11													11
Painting, drawing, sculpture		59													59
Dramatic arts		1													1
Photography		4													4
Other: Calligraphy		17													17
16.9 Languages															
Other languages		18													18
16.10 Health professions															
Other: First aid		9													9
16.11 Home economics and home arts															
Clothing and textiles		59													59
Consumer economics and home management		1													1

TABLE 1 (cont.)

	DISTRICT														
Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.11 (cont.)															
Family relations and child development		2													2
Other:															
Cooking and cake decorating		14													14
Poise and charm		4													4
16.14 Mathematics		14													14
16.15 Physical sciences															
Physics		2													2
16.16 Psychology															
Applied psychology		2													2
Social psychology		1													1
Other		1													1
16.17 Public affairs and services															
Other		2													2
16.18 Recreation and physical education															
Indoor		37													37
Outdoor		12													12
16.19 Technology															
Automotive, diesel		26													26
Drafting, machine		4													4
Metal		1													1
Welding		17													17
Other:															
Woodworking		8													8
Appliance repair		4													4
16.21 General															
Adult basic education		15													15
Avocational (not covered elsewhere)		30													30
16.22 Areas not covered above (specify)															
Health		1													1
History		3													3

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	DISTRICT 8	9	10	11	12	13	14	Total
16.22 (cont.)															
Humanities		1													1
Literature		2													2
Modern problems		8													8
Sub-total		622											TOTAL		622
PORTLAND COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Agriculture, general		1													1
Food science and technology		3													3
16.2 Architecture and environmental design															
Interior design		11													11
Landscape architecture		4													4
16.3 Business and management															
Accounting and bookkeeping		17													17
Banking and finance		2													2
Business management and administration		4													4
Investments and securities		4													4
Personnel and training		1													1
Real estate and insurance		2													2
Secretarial science		51													51
Supervision		6													6
16.4 Communications															
Reading		4													4
Spoken communication		5													5
Written communication		8													8
16.5 Computer and information services															
Data processing		1													1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		45													45
Painting, drawing, sculpture		18													18

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.8 (cont.)															
Dramatic arts		2													2
Music		6													6
Photography		10													10
16.9 Languages															
English as a second language		18													18
Other languages		17													17
16.11 Home economics and home arts															
Clothing and textiles		161													161
Consumer economics and home management		3													3
Family relations and child development		26													26
Other		33													33
16.14 Mathematics		2													2
16.16 Psychology															
Applied psychology		2													2
16.17 Public affairs and services															
Law enforcement and corrections		12													12
16.18 Recreation and physical education															
Indoor		8													8
16.19 Technology															
Metal		3													3
Welding		13													13
Other		2													2
16.21 General															
Avocational (not covered elsewhere)		115													115
Citizenship		8													8
16.22 Areas not covered above (specify)															
General studies		21													21
Sub-total		649													
													TOTAL		649

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
SOUTHWESTERN OREGON COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Forestry							17								17
16.2 Architecture and environmental design															
Landscape architecture							3								3
16.3 Business and management															
Accounting and bookkeeping							27								27
Banking and finance							10								10
Business English							3								3
Business management and administration							6								6
Investments and securities							3								3
Marketing and purchasing							3								3
Personnel and training							5								5
Quantitative methods							9								9
Real estate and insurance							6								6
Secretarial science							51								51
Supervision							13								13
16.4 Communications															
Reading							22								22
Spoken communication							8								8
Written communication							44								44
16.5 Computer and information services															
Computer programing							6								6
Data processing							14								14
Systems, general							6								6
16.7 Engineering and technology															
Electrical engineering, electronics							22								22
Engineering technologies							15								15
16.8 Fine and applied arts															
Applied design (ceramics, weaving)							12								12
Painting, drawing, sculpture						6	36								42

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	DISTRICT 7	8	9	10	11	12	13	14	Total
16.8 (cont.)															
Dance							3								3
Dramatic arts							9								9
Music							26								26
Photography							1								1
16.9 Languages															
Other languages							9								9
16.10 Health professions															
Nursing							15								15
16.11 Home economics and home arts															
Clothing and textiles							37								37
Consumer economics and home management							5								5
Family relations and child development							4								4
Home economics, general							9								9
16.14 Mathematics							21								21
16.15 Physics							6								6
16.16 Psychology															
Developmental psychology							7								7
16.17 Public affairs and services															
Law enforcement and corrections							22								22
16.18 Recreation and physical education															
Outdoor							4								4
16.19 Technology															
Automotive, diesel							24								24
Drafting							7								7
Machine							3								3
Metal							1								1
Welding							9								9
Other							3								3

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.21 General															
Driver education							7								7
Sub-totals						6	573								
													TOTAL		579
TREASURE VALLEY COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Agriculture, general														15	15
16.2 Architecture and environmental design															
Interior design														2	2
16.3 Business and management															
Accounting and bookkeeping														2	2
Banking and finance														1	1
Business management and administration														1	1
Investments and securities														3	3
Marketing and purchasing														1	1
Personnel and training														2	2
Real estate and insurance														3	3
Secretarial science														1	1
Supervision														2	2
Transportation														1	1
16.4 Communications															
Reading														3	3
16.8 Fine and applied arts															
Applied design														6	6
Painting, drawing, sculpture														47	47
Dance														2	2
Dramatic arts														1	1
Fine arts, general														1	1
Photography														11	11
16.9 Languages															
Other languages														1	1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.10 Health professions															
Allied health sciences														3	3
Nursing (aide)														3	3
Pharmacy														1	1
Other (first aid)														5	5
16.11 Home economics and home arts															
Clothing and textiles														13	13
16.15 Physical sciences															
Astronomy														2	2
Geology														1	1
16.17 Public affairs and services															
Law enforcement and corrections														8	8
16.19 Technology															
Welding														2	2
16.21 General															
Adult basic education														12	12
Driver education														1	1
Sub-total														157	
													TOTAL		157
UMPQUA COMMUNITY COLLEGE															
16.1 Agriculture and natural resources															
Food science and technology						6									6
Forestry						6		1							7
Natural resources management						2									2
16.2 Architecture and environmental design															
Architecture						1									1
Interior design						4									4
16.3 Business and management															
Accounting and bookkeeping						4									4
Investments and securities						2									2
Real estate and insurance						2									2
Secretarial science						4									4

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 (cont.)															
Supervision						3									3
Transportation						3									3
16.4 Communications															
Reading						4									4
Spoken communication								3							3
Written communication								3							3
16.5 Computer and information services															
Computer programing						2									2
Data processing						2									2
Systems, general						2									2
16.6 Education															
Curriculum and instruction								8							8
Educational technology								1							1
Primary and secondary education								2							2
16.7 Engineering and technology															
Civil engineering						4									4
16.8 Fine and applied arts															
Applied design						4									4
Painting, drawing, sculpture						14									14
Music						3		1							4
Photography						1									1
16.9 Languages															
English as a second language						1									1
16.10 Health professions															
Dental specialties						1									1
Pharmacy						2									2
Public health						4									4
16.11 Home economics and home arts															
Clothing and textiles						65									65
Consumer economics and home management						1									1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.11 (cont.)															
Family relations and child development						1									1
16.14 Mathematics								3							3
16.19 Technology															
Automotive, diesel						2									2
Welding						12									12
16.21 General															
Citizenship						1									1
Driver education						1									1
Manpower development training								4							4
Sub-totals						164		26							
													TOTAL		190
													CATEGORY B TOTAL		4,662
C. Cooperative Extension Service[a] (Oregon State University)															
16.1 Agriculture and natural resources															
Agriculture, general	37	138	125	84	92	41	29	131	87	113	44	139	137	45	1,242
Food science and technology			3		4	2									9
Forestry	9	36		45		4	11	9	2				8		124
Natural resources management	9	29	61	49	10	7	18	39	23	7	26	58	36	40	412
16.2 Architecture and environmental design															
City, community and regional planning	41	149	174	119	55	6	56	31	101	39	61	101	38	61	632
16.3 Business and management															
Business management and administration		3	7	8		4	2		2	3	7	7	3	7	53
Marketing and purchasing	3	36	9	29	9	19	6	27	9	9	10	21	33	37	257

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[a] Cooperative Extension estimated that the average length of its Continuing Education and Community Services course offerings and allied learning opportunities is 3 clock hours.

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.10 Health professions															
Other	2	15		2					2	2	10	6	2		41
16.11 Home economics and home arts															
Clothing and textiles	8	62	5	22	41			18	7	47	2	34	27	9	282
Consumer economics and home management		60	20	37	23	4			2	13		13	15	39	226
Family relations and child development		11	3	2					28	2		2		8	56
Home economics, general		70	5	34	7	11	4	2	5	47		10	36	17	248
16.15 Physical sciences															
Oceanography	9			114			21								144
16.17 Public affairs and services															
Public administration	7	59	205	64	23	2	5	41	50	61	14	99	41	17	688
16.21 General															
Manpower development training		13	2	9			5	14	17					9	69
Sub-totals	125	681	619	618	264	100	157	312	335	343	174	490	385	280	
TOTAL															4,883
CATEGORY C TOTAL															4,883
D. The Division of Continuing Education[b] (Oregon State System of Higher Education)															
16.1 Agriculture and natural resources															
Agriculture, general			1				1								2
Food science and technology							2								2
Forestry			3		1		1						1		6
Natural resources management				1			1								2
Other							2								2
16.2 Architecture and environmental design															
Architecture		2	2	1	2						2				9
Interior design					2								2		4
Landscape architecture		3		1											4

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[b] The Division of Continuing Education estimates that the average length of its Continuing Education and Community Services course offerings and allied learning opportunities is 30 clock hours.

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 Business and management															
Accounting and bookkeeping		16	10	4	5		1	3		1	6	1	1	3	51
Banking and finance											2				2
Business English											1				1
Business management and administration		16		1	2						4	2			25
International business		2													2
Investments and securities		6	3			1		1			2				13
Marketing and purchasing											2				2
Personnel and training		1			4			2			1				8
Production											1				1
Quantitative methods					1										1
Real estate and insurance	2	7			7					1	4			1	22
Secretarial science		2	1		1	1	1		1		5	1	1		
Supervision		1					1								2
Other	3	11		1	3		1								19
16.4 Communications															
Broadcast technology					2										2
Reading											1			3	4
Spoken communication	1	2	2	1	1						3	1		5	16
Written communication	1		7	2	3					2	8				23
Other	1							1		1					3
16.5 Computer and information services															
Computer programing	1	5		1			1				2		1	1	12
Data processing		8			1						2				11
Systems, general		2													2
Other					1										1
16.6 Education															
Administration	3	15	4		3	2	1		2		2		1		33
Adult and higher education			4	15	1				3		2				25
Curriculum and instruction	2	48	51		31	2	4		4	10	1	1			154
Educational technology		16	15		1				2		1	1	4		40
Primary and secondary education	5	21	15	2	5	23	15		5	6	4	1	2		164
Special education	4	6	12		6	3			2	3	4	1	1		42
Other	15	2	1		14	19	1	1							53

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TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.7 Engineering and technology															
Applied science		69									6				75
Civil engineering		15			1		2								18
Electrical engineering, electronics		9										1			10
Engineering technologies		8			1						4				13
Environmental and sanitary engineering				1											1
Industrial engineering		2		1											3
Mechanical engineering		6													6
Other		6							1						7
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		1	3		3		1								8
Dance					3										3
Dramatic arts	5						1								6
Fine arts, general	1	3	2			1	4				2				13
Music	4		2		4										10
Painting, drawing, sculpture	2	4	1		5	1					3		1		17
Photography			1		1								2		4
Other	1				12	8				12					33
16.9 Languages															
English as a second language		5	2			1	1	1		1					11
Other languages		6	4	1	5			1	3		3				23
16.10 Health professions															
Allied health sciences		1													1
Dental specialties			1		3			2			1				7
Health professions, general							1								1
Hospital and health care administration					1										1
Nursing		4		1	1		1								7
Pharmacy		3													3
Public health			1										1		2
Other	4							1							5

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	DISTRICT														
16.11 Home economics and home arts															
Clothing and textiles					1										1
Consumer economics and home management		1													1
Family relations and child development					3				1			2			6
Home economics, general					2										2
Other		2		1			1								4
16.12 Law		1			2										3
16.13 Library science	2				6		1		1						10
16.14 Mathematics		20	15	6	27	1	1	1	6		7	2		1	87
16.15 Physical sciences															
Astronomy			1												1
Chemistry			3		3	1									7
Geology	1	1	2	1	3	2			1						11
Oceanography	3		2	3	1										9
Physics		1	3	3	2	1			1						11
Other	1				11		1				1	1		1	16
16.16 Psychology															
Applied psychology	1	42	4	1		1			1		3	1	2		56
Developmental psychology		18	6	2	5			1			1	1			34
Social psychology		24		1	3										28
Other		3	1		5	5									14
16.17 Public affairs and services															
Law enforcement and corrections		3	3												6
Public administration					1										1
Social work and helping services		20	3		9		1				2				35
16.18 Recreation and physical education															
Indoor	1				4	2	1				2				10
Outdoor		3		1	14										18

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	DISTRICT														
16.19 Technology															
Automotive, diesel											5				5
Machine											1				1
Metal		1													1
Welding											9				9
16.20 Theology	2	3			3										8
16.21 General															
Adult basic education													5	1	6
Avocational (not covered elsewhere)		4													4
Citizenship		1													1
Driver education		1		1											2
Manpower development training		8													8
Personal/Family living			2								1				3
16.22 Areas not covered above (specify)															
Abortion (LS)[c]	1		1												2
Anthropology (LS)			5												5
Anthropology		1		1	10										12
Archaeology (LS)		1	1					1							3
Art (LS)	1		2	2		1	1						2		9
Biology					5				1						6
Communicating (LS)		2													2
Counseling	4														4
Drama (LS)	1	3	3	3		1	1	1	1						14
Economics		2			3	2									7
Economics (LS)		6	3												9
Education (LS)		2	2	3					1	1					9
English	3	13			23	3		1	5		1			1	50
Environmental studies (LS)		9	4	2		1	4	4	2	3			2		31
Exercising for women (LS)		1													1
Finance (LS)	1		1												2
Geography		4	1			2	1	1							9
Geology (LS)			10												10
History	3	2	1		9	13	3		3						34
History (LS)								1							1

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[c] Lecture Series.

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.22 (cont.)															
Journalism					4										4
Labor relations (LS)		1													1
Law (LS)	1	3	3	1			1	1	1	1					12
Literature		4	3		2	3	1	2							15
Literature (LS)		3	1		1	1	1								7
Medicine-Drugs (LS)	1	3	1	1		1		1	1	1			1		11
Miscellaneous topics						1		1							2
Modern problems		1			2										3
Music (LS)	1	1						2							4
Philosophy			3												3
Philosophy (LS)		3	1												4
Political science					11										11
Political science (LS)	1	4	6	4		1		5	1	2					24
Psychology (LS)	1	6	3	1			1	1							13
Religion (LS)		3		3					1						7
Sociology	2	1			20	4			3						30
Speech		6							2						8
Student reports (LS)	1	1													2
Oregon Educational Broadcasting (OEB)	(Is received in all administrative districts except District 14.)														
16.1 Agriculture and natural resources															
Natural resources management	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21
16.3 Business management															
Business English	--	--	--	--	--	--	--	--	--	--	--	--	--	--	43
16.5 Computer and information services															
Computer programing	--	--	--	--	--	--	--	--	--	--	--	--	--	--	2
Other	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11
16.7 Engineering and technology															
Engineering technologies	--	--	--	--	--	--	--	--	--	--	--	--	--	--	11

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.8 Fine and applied arts															
Painting, drawing, sculpture	--	--	--	--	--	--	--	--	--	--	--	--	--	--	23
Music	--	--	--	--	--	--	--	--	--	--	--	--	--	--	87
16.9 Languages															
Other languages	--	--	--	--	--	--	--	--	--	--	--	--	--	--	156
16.10 Health professions															
Nursing	--	--	--	--	--	--	--	--	--	--	--	--	--	--	12
16.11 Home economics and home arts															
Clothing and textiles	--	--	--	--	--	--	--	--	--	--	--	--	--	--	24
Consumer economics and home management	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5
Other															37
16.14 Mathematics	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4
16.18 Recreation and physical education															
Indoor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	61
Outdoor	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26
16.19 Technology															
Automotive, diesel	--	--	--	--	--	--	--	--	--	--	--	--	--	--	16
16.22 Areas not covered above (specify)															
English literature	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26
Environmental pollution	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7
Gerontology	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26
History	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26
International affairs	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9
Philosophy	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9
State government	--	--	--	--	--	--	--	--	--	--	--	--	--	--	13
Sub-totals	88	577	248	75	332	109	64	37	56	45	112	17	30	17	1,807
OEB															655
TOTAL															2,462
CATEGORY D TOTAL															2,462

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
E. Government Agencies															
DIVISION OF MENTAL HEALTH (Alcohol and Drug Section)															
16.10 Health professions															
Other		4	1	1		4									10
Sub-totals		4	1	1		4							TOTAL		10
MULTNOMAH COUNTY CIVIL SERVICE OFFICE															
16.1 Agriculture and natural resources															
Food science and technology		1													1
16.2 Architecture and environmental design															
City, community and regional planning		1													1
16.3 Business and management															
Business management and administration		1													1
16.5 Computer and information services															
Computer programing		1													1
Data processing		1													1
16.6 Education															
Adult and higher education		4													4
16.7 Engineering and technology															
Civil engineering		1													1
16.12 Law		1													1
16.14 Mathematics		1													1
16.17 Public affairs and services															
Law enforcement and corrections		2													2
Social work and helping services		1													1
16.19 Technology															
Drafting		1													1
Sub-total		16											TOTAL		16

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
OFFICE OF STATE FIRE MARSHAL															
16.7 Engineering and technology															
Engineering technologies		1			1										2
Other	4	12	13	12	12	12	7	6	4	6	4	5	3	4	104
16.12 Law	2	9	6	2	4	2	2	2	3	2	3	4	3	3	47
16.22 Areas not covered (specify)															
Fire prevention programs for civic groups/schools/etc.	2	4	3	1	6	3	2	3	1	3	2	2	1	2	35
Sub-totals	8	26	22	15	23	17	11	11	8	11	9	11	7	9	
TOTAL															188
OREGON STATE BOARD OF HEALTH															
16.2 Architecture and environmental design															
Environmental design, general					1										1
Other: Environmental biology					1										1
16.10 Health professions															
Other:															
Psychological aspects of disease					1										1
Sub-total					3										
TOTAL															3
U.S. CIVIL SERVICE COMMISSION, REGIONAL TRAINING CENTER															
16.3 Business and management															
Business English		3	1											1	5
Personnel and training		10													10
Quantitative methods		2													2
Secretarial science		3	1												4
Supervision		9	1	2	1	1	1	1		1	1		1	1	20
Other:															
Miscellaneous management		6													6
16.4 Communications															
Reading		3	1										1	1	6
Spoken communication		3													3
Written communication		4	1			1			1					1	8

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.5 Computer and information services															
Systems, general		2													2
16.10 Health professions															
Other: Occupational health		1													1
16.22 Areas not covered (specify)															
Programing, planning, budget		3													3
Sub-totals		49	5	2	1	2	1	1	1	1	1		2	4	
													TOTAL		70
											CATEGORY E TOTAL				287
F. Independent Colleges and Universities															
LINFIELD COLLEGE															
16.2 Architecture and environmental design															
City, community and regional planning			1												1
Environmental design, general			1												1
16.3 Business and management															
Accounting and bookkeeping			1												1
Banking and finance			1												1
Business English			1												1
Business management and administration			1												1
International business			1												1
Investments and securities			1												1
Marketing and purchasing			1												1
Personnel and training			1												1
Quantitative methods			1												1
Secretarial science			1												1
16.4 Communications															
Broadcast technology			1												1
Reading			1												1
Spoken communication			1												1
Written communication			1												1

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
							DISTRICT								
16.5 Computer and information services															
Computer programing			1												1
Data processing			1												1
16.6 Education															
Curriculum and instruction			4												4
Educational technology			2												2
Secondary education			4												4
16.7 Engineering and technology															
Other: Electronics			1												1
16.8 Fine and applied arts															
Dramatic arts			3												3
Fine arts, general			1												1
Music			10												10
Painting, drawing, sculpture			4												4
Photography			4												4
16.9 Languages															
Other languages			3												3
16.10 Health professions															
Allied health sciences			1												1
Public health			1												1
16.11 Home economics and home arts															
Clothing and textiles			1												1
Consumer economics and home management			1												1
Family relations and child development			1												1
Home economics, general			1												1
16.14 Mathematics			6												6
16.15 Physical sciences															
Astronomy			1												1
Chemistry			1												1
Geology			1												1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.15 (cont.)															
Physics			1												1
Other: Meteorology			1												1
16.16 Psychology															
Applied psychology			1												1
Developmental psychology			1												1
Psychometrics			1												1
Social psychology			1												1
16.17 Public affairs and services															
Social work and helping services			1												1
16.18 Recreation and physical education															
Indoor			1												1
Outdoor			1												1
16.20 Theology (Religion)			1												1
16.21 General															
Personal/Family living			1												1
Sub-total			80										TOTAL		80
MOUNT ANGEL SEMINARY															
16.4 Communications															
Spoken communication			1												1
Written communication			1												1
16.20 Theology			2												2
Sub-total			4										TOTAL		4
MULTNOMAH SCHOOL OF THE BIBLE															
16.20 Theology		2													2
16.22 Areas not covered above (specify)															
Bible and related subjects		8													8
Christian education		3													3

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.22 (cont.)															
Sacred music		2													2
Sub-total		15											TOTAL		15
REED COLLEGE															
16.4 Communications															
Spoken communication		1													1
16.6 Education															
Primary and secondary education		12													12
16.8 Fine and applied arts															
Painting, drawing, sculpture		2													2
16.14 Mathematics		1													1
16.15 Physical sciences															
Chemistry		1													1
Physics		1													1
Sub-total		18											TOTAL		18
UNIVERSITY OF PORTLAND															
16.3 Business and management															
Banking and finance		1													1
Investments and securities		1													1
16.4 Communications															
Spoken communication		1													1
Broadcast technology		1													1
Written communication		1													1
Other: Communications		1													1
16.5 Computer and information services															
Computer programing		1													1
Data processing		1													1
16.8 Fine and applied arts															

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.8 (cont.)															
Applied design (ceramics, weaving, jewelry, commercial art)		36													36
Music		1													1
Photography		1													1
16.11 Home economics and home arts															
Consumer economics and home management		1													1
Family relations and child development		1													1
16.12 Law		1													1
16.13 Library science		1													1
16.22 Areas not covered above (specify)															
History		5													5
Literature		4													4
Sociology		4													4
Sub-total		63													
													TOTAL		63
WESTERN CONSERVATIVE BAPTIST SEMINARY, PORTLAND															
16.20 Theology		1													1
Sub-total		1													
													TOTAL		1
													CATEGORY F TOTAL		181
G. Museums and Art Institutions															
ALBINA ART CENTER															
16.3 Business and management															
Personnel and training		2													2
Secretarial science		1													1
Supervision		1													1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		4													4
Dance		3													3
Dramatic arts		2													2
Fine arts, general		4													4
Music		5													5
Painting, drawing, sculpture		4													4
Photography		2													2
Sub-total		28											TOTAL		28
ARTS AND CRAFTS SOCIETY															
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		16													16
Painting, drawing, sculpture		2													2
Photography		3													3
Sub-total		21											TOTAL		21
DAMASCUS SCHOOL FOR PIONEER CRAFTS															
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		4													4
Painting, drawing, sculpture		2													2
Sub-total		6											TOTAL		6
MAUDE I. KERNS ART CENTER															
16.8 Fine and applied arts															
Applied design (ceramics, etc.)					45										45
Fine arts, general					12										12
Painting, drawing, sculpture					35										35
Sub-total					92								TOTAL		92

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
MUSEUM ART SCHOOL															
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		4													4
Fine arts, general		2													2
Painting, drawing, sculpture		8													8
Photography		1													1
Other		3													3
Sub-total		18													
													TOTAL		18
MUSEUM OF ART, UNIVERSITY OF OREGON															
16.8 Fine and applied arts															
Other	1	1	2	1	1		1	1	1		2		1	2	14
Sub-totals	1	1	2	1	1		1	1	1		2		1	2	
													TOTAL		14
OREGON MUSEUM OF SCIENCE AND INDUSTRY															
16.5 Computer and information services															
Computer programing		2													2
16.6 Education															
Curriculum and instruction		10													10
16.7 Engineering and technology															
Other		1													1
16.8 Fine and applied arts															
Applied design (ceramics, etc.)		2													2
Photography		4													4
16.11 Home economics and home arts															
Family relations and child development		1													1
16.14 Mathematics		1													1

TABLE 1 (cont.)

								DISTRICT							
Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.15 Physical sciences															
Astronomy		2													2
Geology		4													4
Oceanography		1													1
16.16 Psychology															
Other		2													2
16.18 Recreation and physical education															
Outdoor		1									1				2
16.19 Technology															
Automotive, diesel		2													2
16.21 General															
Avocational (not covered elsewhere)	1	3			1										5
Sub-totals	1	36			1						1				
TOTAL															39
CATEGORY G TOTAL															218

H. Professional and Trade Associations

AMERICAN SALESMEN'S ASSOCIATION, PORTLAND

16.3 Business and management															
Investments and securities		1													1
Marketing and purchasing		1													1
Sub-total		2													
TOTAL															2

ASSOCIATED GENERAL CONTRACTORS OF AMERICA, INC., OREGON-COLUMBIA CHAPTER

16.3 Business and management															
Personnel and training		1			1										2
Supervision		1													1
16.19 Technology															
Other				1											1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.22 Areas not covered above (specify)															
Safety and first aid	1	3	1	3	1	1	1	2	1	1	1	1			17
Sub-totals	1	5	1	4	2	1	1	2	1	1	1	1			
													TOTAL		21
OREGON ASSOCIATION OF EDUCATIONAL SECRETARIES															
16.3 Business and management															
Business English					1								1		2
Business management and administration					1								1		2
Investments and securities					1										1
Personnel and training					1								1		2
Secretarial science					1								1		2
Other					1								1		2
16.4 Communications															
Spoken communication					1								1		2
Written communication					1								1		2
Sub-totals					8								7		
													TOTAL		15
OREGON ASSOCIATION OF NURSERYMEN, INC.															
16.1 Agriculture and natural resources															
Other		2													2
16.2 Architecture and environmental design															
Environmental design, general		2													2
Landscape architecture		2													2
Sub-total		6													
													TOTAL		6
OREGON ASSOCIATION OF PUBLIC ACCOUNTANTS															
16.3 Business and management															
Other		1			1										2
Sub-totals		1			1										
													TOTAL		2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
OREGON LEAGUE FOR NURSING															
16.4 Communications															
Spoken communication		1													1
Sub-total		1													
													TOTAL		1
OREGON MEDICAL ASSOCIATION															
16.10 Health professions															
Medical specialties			1												1
Sub-total			1												
													TOTAL		1
OREGON NURSES ASSOCIATION															
16.10 Health professions															
Nursing		2	1	1	1	1									6
Sub-totals		2	1	1	1	1									
													TOTAL		6
OREGON OPTOMETRIC ASSOCIATION															
16.3 Business and management															
Business management and administration	1														1
Personnel training		1													1
16.10 Health professions															
Allied health services	1	1													2
Public health		1													1
16.16 Psychology															
Developmental psychology	1														1
Sub-totals	3	3													
													TOTAL		6
OREGON PHYSICAL THERAPY ASSOCIATION															
16.10 Health professions															
Medical specialties		6		1	2										9

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.22 Areas not covered above (specify)															
Anatomy		1			1										2
Sub-totals		7		1	3										
TOTAL															11
OREGON STATE BAR															
16.12 Law (Participants from throughout the state)	1	3													4
Sub-totals	1	3													
TOTAL															4
PURCHASING MANAGEMENT ASSOCIATION OF OREGON															
16.3 Business and management															
Business management and administration		1													1
Marketing and purchasing		1													1
16.5 Computer and information services															
Computer programing		1													1
Sub-total		3													
TOTAL															3
SOCIETY OF REAL ESTATE APPRAISERS CHAPTER 42															
16.22 Areas not covered (specify)															
Real estate appraising		3													3
Sub-total		3													
TOTAL															3
CATEGORY H TOTAL															81
I. Proprietary Schools															
BAKER BUSINESS COLLEGE															
16.3 Business and management															
Accounting and bookkeeping													1		1
Business English													1		1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 (cont.)															
Production													1		1
Secretarial science													1		1
Sub-total													4		
													TOTAL		4
BEAVERTON BUSINESS COLLEGE															
16.3 Business and management															
Accounting and bookkeeping		4													4
Production		1													1
Secretarial science		60							1						61
Sub-totals		65							1						
													TOTAL		66
DYNAMIC EDUCATION CENTERS															
16.4 Communications															
Reading		26	4	5	8										43
Sub-totals		26	4	5	8										
													TOTAL		43
ELECTRONIC COMPUTER PROGRAMMING INSTITUTE OF OREGON															
16.5 Computer and information services															
Computer programing		1			1										2
Data processing		1			1										2
Systems, general		1			1										2
Sub-totals		3			3										
													TOTAL		6
INTERNATIONAL ACCOUNTING SOCIETY[d]															
16.3 Business and management															
Accounting and bookkeeping	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
Business management and administration	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14

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[d] This agency uses largely independent study.

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.5 Computer and information services															
Computer programing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
Data processing	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
Systems, general	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
Sub-totals	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
													TOTAL		70
INTERSTATE TRAINING SERVICE[e]															
16.19 Technology															
Automotive, diesel	(10 courses available across state)														10
Sub-total															
													TOTAL		10
LEADERSHIP & SALES TRAINING ASSOCIATION															
16.3 Business and management															
Business management and administration		2													2
Other		2			1										3
16.4 Communications															
Spoken communication		18		4	3				1						26
Sub-totals		22		4	4				1						
													TOTAL		31
MERRITT DAVIS SCHOOL OF COMMERCE															
16.3 Business and management															
Investments and securities					1										1
Marketing and purchasing					1										1
Personnel and training					1										1
Supervision					1										1
16.4 Communications															
Reading			1		1										2
Spoken communication			1		1										

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[e] This agency uses largely independent study.

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.10 Health professions															
Health professions, general					1										1
16.12 Law			1												
Sub-totals			3		7										
													TOTAL		10
OFFSET AND DUPLICATING SCHOOL															
16.22 Areas not covered above (specify)															
Offset printing			5												5
Sub-total			5												
													TOTAL		5
PACIFIC ACADEMY OF ACCOUNTANCY															
16.3 Business and management															
Accounting and bookkeeping		1													1
Sub-total		1													
													TOTAL		1
PACIFIC BUSINESS COLLEGE AND EDUCATION CENTER															
16.3 Business and management															
Business English		2													2
Secretarial science		11													11
16.4 Communications															
Written communication		1													1
16.8 Fine and applied arts															
Painting, drawing, sculpture		1													1
16.12 Law		1													1
16.14 Mathematics		1													1
16.21 General															
Adult basic education		1													1
Driver education		1													1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.21 (cont.)															
Manpower development training		1													1
Sub-total		20											TOTAL		20
PORTLAND SECRETARIAL SCHOOL															
16.3 Business and management															
Accounting and bookkeeping		2													2
Business English		1													1
Secretarial science		1													1
16.10 Health professions															
Medical specialties		5													5
Sub-total		9											TOTAL		9
REAL ESTATE SCHOOL OF OREGON															
16.3 Business and management															
Investments and securities		2													2
Real estate and insurance		2													2
Sub-total		4											TOTAL		4
SALES TRAINING, INC.															
16.4 Communications															
Spoken communication	1	1	1	1	1										5
Written communication	1	1	1	1	1										5
16.6 Education															
Special education	1	1	1	1	1										5
16.16 Psychology															
Other	1	1	1	1	1										5
16.21 General															
Manpower development training	1	1	1	1	1										5
Sub-totals	5	5	5	5	5								TOTAL		25

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														Total
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
SANCHEZ SCHOOLS															
16.2 Architecture and environmental design															
Interior design		4													4
16.4 Communications															
Spoken communication		2													2
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		3													3
Dance		4													4
Music		150													150
Painting, drawing, sculpture		10													10
Other		5													5
16.9 Languages															
English as a second language		1													1
Other languages		6													6
Sub-total		185													
TOTAL															185
CATEGORY I TOTAL															489
J. Public Colleges and Universities															
OREGON STATE UNIVERSITY, School of Agriculture															
16.1 Agriculture and natural resources															
Agriculture, general											4				4
Food science and technology		4													4
Natural resources management				4											4
Other: Farrier's school									4						4
Sub-totals		4		4					4		4				
TOTAL															16
OREGON STATE UNIVERSITY, School of Business and Technology															
16.3 Business and management															
Accounting and bookkeeping				1											1
Banking and finance				2											2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 (cont.)															
Business management and administration				1											1
Investments and securities				1											1
Personnel and training				1											1
Production				1											1
Real estate and insurance				1											1
Secretarial science				2											2
Transportation				1											1
Other:															
Social responsibilities of business				1											1
Sub-total				12											
													TOTAL		12
OREGON STATE UNIVERSITY, School of Forestry															
16.1 Agriculture and natural resources															
Forestry				7											7
Sub-total				7											
													TOTAL		7
OREGON STATE UNIVERSITY, School of Home Economics															
16.11 Home economics and home care															
Clothing and textiles				1											1
Consumer economics and home management				3											3
Family relations and child development				3											3
Home economics, general				3											3
Other: Institution management				5											5
Sub-total				15											
													TOTAL		15

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
OREGON STATE UNIVERSITY, School of Humanities and Social Science															
16.2 Architecture and environmental design															
Landscape architecture				1											1
16.4 Communications															
Spoken communication				1											1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)				1											1
Sub-total				3											
													TOTAL		3
PORTLAND STATE UNIVERSITY, School of Business Administration															
16.3 Business and management															
Accounting and bookkeeping		1													1
Banking and finance		1													1
Business management and administration		2													2
International business		1													1
Investments and securities		1													1
Marketing and purchasing		1													1
Personnel and training		2													2
Quantitative methods		1													1
Real estate and insurance		5													5
Sub-total		15													
													TOTAL		15
PORTLAND STATE UNIVERSITY, Urban Studies Center															
16.2 Architecture and environmental design															
City, community and regional planning		1													1
Other		2													2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.17 Public affairs and services															
Law enforcement and corrections		1													1
Other		1													1
Sub-total		5													
													TOTAL		5
UNIVERSITY OF OREGON, Bureau of Governmental Research & Service[f]															
16.2 Architecture and environmental design															
City, community and regional planning										2					2
16.17 Public affairs and services															
Other	1	1		1	1		1	1		1			1		8
Sub-totals	1	1		1	1		1	1		3			1		
													TOTAL		10
UNIVERSITY OF OREGON, College of Business Administration															
16.3 Business and management															
Accounting and bookkeeping					2										2
Banking and finance					1										1
Business management and administration		3			2										5
International business		1			1										2
Marketing and purchasing					1										1
Real estate and insurance				1	1										2
Transportation					1										1
Sub-totals		4		1	9										
													TOTAL		14

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[f] For the further and complete range of services offered by this agency please contact.

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
UNIVERSITY OF OREGON, Oregon Dental School															
16.10 Health professions															
Dental specialties	6	227	2	2	3	4	3	7	5	6			6		271
Sub-totals	6	227	2	2	3	4	3	7	5	6			6		
													TOTAL		271
UNIVERSITY OF OREGON, Oregon Medical School															
16.10 Health professions															
Allied health sciences	3	3	3	3	3	3	3	3	3	3	3	3	3	3	42
Medical specialties	13	13	13	13	13	13	13	13	13	13	13	13	13	13	182
Nursing	3	3	3	3	3	3	3	3	3	3	3	3	3	3	42
Sub-totals	19	19	19	19	19	19	19	19	19	19	19	19	19	19	
													TOTAL		266
UNIVERSITY OF OREGON, Oregon Center for Gerontology															
16.22 Areas not covered (specify)															
Gerontology (Perspectives in aging)		1			1										2
Life planning in retirement					1										1
Training for volunteers (for nursing home service)					1										1
Sub-totals		1			3										
													TOTAL		4
UNIVERSITY OF OREGON, School of Education															
16.6 Education															
Administration					3										3
Adult and higher education						1									1
Curriculum and instruction					4			1		2					7
Primary and secondary education					3	1					1				5
Special education					3										3
Sub-totals					13	2		1		2	1				
													TOTAL		19

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
UNIVERSITY OF OREGON, School of Law															
16.12 Law					3										3
Sub-total					3										
													TOTAL		3
UNIVERSITY OF OREGON, School of Librarianship															
16.6 Education															
Other: Community College Library				1											1
Sub-total				1											
													TOTAL		1
													CATEGORY J TOTAL		661
K. Public School Districts and Schools															
ASHLAND SENIOR HIGH SCHOOL															
16.3 Business and management															
Secretarial science								1							1
16.5 Computer and information services															
Computer programing								2							2
16.6 Education															
Administration								1							1
Adult and higher education								1							1
Curriculum and instruction								1							1
Educational technology								1							1
Primary and secondary education								1							1
Special education								1							1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)								1							1
Painting, drawing, sculpture								1							1
16.18 Recreation and physical education															
Indoor								1							1
Outdoor								1							1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.19 Technology															
Drafting								1							1
Machine								1							1
Metal								1							1
Welding								1							1
Sub-total								17							
													TOTAL		17
BAKER COUNTY IED															
16.6 Education															
Special education													1	1	2
Other: Instrumental media													2	2	4
Sub-totals													3	3	
													TOTAL		6
CASCADE UNION HIGH SCHOOL															
16.11 Home economics and home arts															
Clothing and textiles			3												3
16.19 Technology															
Welding			2												2
Sub-total			5												
													TOTAL		5
CONDON ADMINISTRATION DISTRICT #25															
16.3 Business and management															
Accounting and bookkeeping												1			1
Secretarial science												1			1
16.4 Communications															
Written communication												1			1
16.8 Fine and applied arts															
Painting, drawing, sculpture												1			1
Sub-total												4			
													TOTAL		4

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
EAGLE POINT SCHOOL DISTRICT #9															
16.1 Agriculture and natural resources															
Agriculture, general								1							1
Other:															
Mechanical and Welding (farm)								4							4
16.4 Communications															
Other: Radio								1							1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)								3							3
Painting, drawing, sculpture								1							1
16.19 Technology															
Automotive, diesel								2							2
Welding								2							2
Sub-total								14							
													TOTAL		14
ENTERPRISE SCHOOL DISTRICT #21															
16.3 Business and management															
Accounting and bookkeeping													1		1
Business English													1		1
Secretarial science													1		1
16.6 Education															
Curriculum and instruction													1		1
16.11 Home economics and home arts															
Clothing and textiles													1		1
16.14 Mathematics													1		1
16.21 General															
Adult basic education													2		2
Sub-total													8		
													TOTAL		8

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
GLENDALE SCHOOL DISTRICT #77															
16.6 Education															
Primary and secondary education						1									1
16.11 Home economics and home arts															
Clothing and textiles						2									2
Sub-total						3									
												TOTAL			3
GOLD BEACH UNION HIGH SCHOOL															
16.1 Agriculture and natural resources															
Forestry							1								1
Other							1								1
16.6 Education															
Adult and higher education							1								1
16.8 Fine and applied arts															
Applied design							1								1
16.10 Health professions															
Other							1								1
16.11 Home economics and home arts															
Clothing and textiles							1								1
Family relations and child development							1								1
16.15 Physical sciences															
Geology							1								1
16.18 Recreation and physical education															
Indoor							1								1
Outdoor							1								1
16.19 Technology															
Other							1								1
16.21 General															
Avocational							1								1
Sub-total							12								
												TOTAL			12

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
GRANT UNION HIGH SCHOOL															
16.3 Business and management															
Secretarial science												1			1
16.4 Communications															
Reading												1			1
16.11 Home economics and home arts															
Clothing and textiles												1			1
16.19 Technology															
Welding												1			1
Other												1			1
Sub-total												5			
													TOTAL		5
GRANTS PASS PUBLIC SCHOOLS															
16.3 Business and management															
Accounting and bookkeeping								3							3
Banking and finance								1							1
Investments and securities								1							1
Real estate and insurance								2							2
Secretarial science								5							5
16.4 Communications															
Written communication								1							1
16.6 Education															
Administration								2							2
Primary and secondary education								12							12
Special education								3							3
16.8 Fine and applied arts															
Painting, drawing, sculpture								1							1
16.11 Home economics and home arts															
Clothing and textiles								6							6

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.15 Physical sciences															
Chemistry								1							1
Geology								1							1
Physics								1							1
16.16 Psychology															
Applied psychology								3							3
Developmental psychology								1							1
16.19 Technology															
Welding								2							2
16.21 General															
Driver education								1							1
Sub-total								47						TOTAL	47
HOOD RIVER COUNTY SCHOOL															
16.3 Business and management															
Accounting and bookkeeping									2						2
Investments and securities									1						1
Secretarial science									5						5
16.8 Fine and applied arts															
Applied design									1						1
16.11 Home economics and home arts															
Home economics, general									1						1
16.19 Technology															
Welding									1						1
Sub-total									11					TOTAL	11
JUNCTION CITY SCHOOL DISTRICT #69															
16.1 Agriculture and natural resources															
Agriculture, general					1										1
16.2 Architecture and environmental design															
Other					1										1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 Business and management															
Accounting and bookkeeping					3										3
Investments and securities					1										1
Secretarial science					2										2
Transportation					2										2
16.4 Communications															
Broadcast technology					1										1
Reading					3										3
Written communication					2										2
16.6 Education															
Adult and higher education					4										4
16.7 Engineering and technology															
Other					1										1
16.8 Fine and applied arts															
Applied design					2										2
Dance					4										4
Dramatic arts					1										1
Music					10										10
Painting, drawing, sculpture					7										7
16.9 Languages															
Other languages					2										2
16.11 Home economics and home arts															
Clothing and textiles					13										13
Other					2										2
16.14 Mathematics					3										3
16.16 Psychology															
Other					1										1
16.18 Recreation and physical education															
Indoor					15										15

TABLE 1 (cont.)

								DISTRICT							
Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.19 Technology															
Drafting					2										2
Welding					4										4
Other					2										2
16.21 General															
Adult basic education					4										4
Avocational					6										6
Driver education					2										2
Personal/Family living					3										3
16.22 Areas not covered above (specify)															
Poetry					1										1
Sub-total					105										
													TOTAL		105
KLAMATH COUNTY SCHOOL DISTRICT															
16.21 General															
Adult basic education											1				1
Sub-total											1				
													TOTAL		1
LAKE COUNTY SCHOOL DISTRICT #7															
16.3 Business and management															
Accounting and bookkeeping											1				1
Secretarial science											1				1
16.4 Communications															
Reading											1				1
16.8 Fine and applied arts															
Applied design											1				1
16.11 Home economics and home arts															
Clothing and textiles											2				2
16.18 Recreation and physical education															
Indoor											2				2

TABLE 1 (cont.)

Agency Category and Agency							DISTRICT								
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.19 Technology															
Welding											1				1
Sub-total											9				
													TOTAL		9
LINCOLN COUNTY SCHOOL DISTRICT															
16.1 Agriculture and natural resources															
Agriculture				2											2
16.3 Business and management															
Business English				1											1
Business management and administration				1											1
Investments and securities				1											1
Secretarial science				3											3
16.4 Communications															
Reading				1											1
Written communication				1											1
16.6 Education															
Curriculum and instruction				5											5
Primary and secondary education				2											2
16.8 Fine and applied arts															
Applied design				4											4
Painting, drawing, sculpture				5											5
Photography				3											3
16.9 Languages															
Other languages				2											2
16.11 Home economics and home arts															
Clothing and textiles				20											20
16.13 Library science				1											1
16.14 Mathematics				2											2

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.15 Physical sciences															
Oceanography				1											1
16.18 Recreation and physical education															
Indoor				2											2
16.19 Technology															
Welding				2											2
16.21 General															
Adult basic education				1											1
Driver education				3											3
Sub-total				63									TOTAL		63
MARION COUNTY SCHOOL DISTRICT #245															
16.3 Business and management															
Accounting and bookkeeping			6												6
Business English			2												2
Investments and securities			1												1
Real estate and insurance			6												6
Secretarial science			10												10
16.4 Communications															
Reading			9												9
Spoken communication			3												3
Written communication			3												3
16.6 Education															
Primary and secondary education			21												21
Special education			3												3
16.8 Fine and applied arts															
Painting, drawing, sculpture			6												6
16.9 Languages															
English as a second language			3												3
Other languages			7												7

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
								DISTRICT							
16.10 Health professions															
Health professions, general			2												2
16.12 Law			1												1
16.14 Mathematics			6												6
16.21 General															
Adult basic education			8												8
Sub-total			97												
TOTAL															97
MEDFORD SCHOOL DISTRICT #8															
16.1 Agriculture and natural resources															
Agriculture, general								1							1
16.3 Business and management															
Accounting and bookkeeping								2							2
Investments and securities								2							2
Secretarial science								10							10
Supervision								1							1
16.4 Communications															
Reading								4							4
Spoken communication								1							1
16.5 Computer and information services															
Computer programing								3							3
Data processing								1							1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)								2							2
Painting, drawing, sculpture								6							6
16.10 Health professions															
Nursing								1							1
16.11 Home economics and home arts															
Clothing and textiles								6							6
Home economics, general								2							2

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TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.14 Mathematics								2							2
16.18 Recreation and physical education															
Indoor								3							3
16.19 Technology															
Drafting								1							1
16.21 General															
Citizenship								3							3
Sub-total								51					TOTAL		51
MILWAUKIE ELEMENTARY SCHOOL DISTRICT #1															
16.6 Education															
Curriculum and instruction		2													2
Educational technology		2													2
Primary and secondary education		1													1
Special education		2													2
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		3													3
16.13 Library science		1													1
Sub-total		11											TOTAL		11
NORTH MARION SCHOOL DISTRICT #15															
16.6 Education															
Curriculum and instruction			1												1
Educational technology			1												1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)			2												2
16.18 Recreation and physical education															
Indoor			1												1
Sub-total			5										TOTAL		5

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
POLK COUNTY IED															
16.3 Business and management Other: Business machines		1													1
16.21 General Adult basic education		3													3
Sub-total		4											TOTAL		4
REEDSPORT PUBLIC SCHOOLS DISTRICT #105															
16.1 Agriculture and natural resources Food science and technology						1									1
16.19 Technology Other: Wood shop for hobby						1									1
Sub-total						2							TOTAL		2
SHERMAN COUNTY UNION HIGH SCHOOL DISTRICT #9															
16.1 Agriculture and natural resources Agriculture, general									1						1
16.6 Education Curriculum and instruction									2						2
16.8 Fine and applied arts Painting, drawing, sculpture									1						1
16.13 Library science									1						1
16.18 Recreation and physical education Indoor									1						1
Sub-total									6				TOTAL		6
STAYTON UNION HIGH SCHOOL															
16.1 Agriculture and natural resources Food science and technology			3												3

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.3 Business and management															
Accounting and bookkeeping			2												2
Investments and securities.			1												1
16.4 Communications															
Reading			1												1
16.8 Fine and applied arts															
Painting, drawing, sculpture			2												2
Photography			1												1
16.11 Home economics and home arts															
Clothing and textiles			2												2
Sub-total			12												
													TOTAL		12
TIGARD SCHOOL DISTRICT #23J															
16.2 Architecture and environmental design															
Landscape architecture		2													2
16.5 Computer and information services															
Systems, general		1													1
16.6 Education															
Curriculum and instruction		4													4
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		2													2
Painting, drawing, sculpture		2													2
Fine arts, general		2													2
16.11 Home economics and home arts															
Clothing and textiles		1													1
Other		2													2
16.19 Technology															
Welding		2													2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.21 General															
Adult basic education		3													3
Sub-total		21													
TOTAL															21
TILLAMOOK COUNTY ADULT EDUCATION CENTER (TILLAMOOK CITY PUBLIC SCHOOLS)															
16.3 Business and management															
Secretarial science	2														2
16.6 Education															
Other	1														1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)	2														2
16.10 Health professions															
Other	1														1
16.11 Home economics and home arts															
Clothing and textiles	14														14
Family relations and child development	1														1
16.14 Mathematics	1														1
16.21 General															
Avocational (not covered elsewhere)	3														3
Driver education	2														2
Sub-total	27														
TOTAL															27
UNION COUNTY INTERMEDIATE EDUCATION DISTRICT															
16.6 Education															
Primary and secondary education													1		1
Special education													1		1
Other													1		1
Sub-total													3		
TOTAL															3
CATEGORY K TOTAL															549

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
L. Religious Institutions															
ALL SAINTS' EPISCOPAL CHURCH, HILLSBORO															
16.20 Theology		4													4
Sub-total		4													
													TOTAL		4
ARCHDIOCESE OF PORTLAND IN OREGON															
16.6 Education															
Administration for principles		3													3
Sub-total		3													
													TOTAL		3
BAPTIST GENERAL CONVENTION OF OREGON-WASHINGTON															
16.2 Architecture and environmental design															
Architecture		1													1
Interior design		1													1
Landscape architecture		1													1
16.6 Education															
Administration		1													1
Adult and higher education		2													2
Primary and secondary education		1		1											2
16.8 Fine and applied arts															
Music		1		1			1								3
16.20 Theology		1													1
Sub-totals		9		2			1								
													TOTAL		12
CALVARY BAPTIST CHURCH, SALEM															
16.22 Areas not covered above (specify)															
Teacher training			1												1
Sub-total			1												
													TOTAL		1

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TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
CENTRAL LUTHERAN CHURCH, EUGENE															
16.8 Fine and applied arts															
Music					1										1
16.20 Theology					13										13
Sub-total					14										
													TOTAL		14
CENTRAL PRESBYTERIAN CHURCH, EUGENE															
16.6 Education															
Other: Teacher training events					10										10
16.8 Fine and applied arts															
Dance					10										10
Dramatic arts					5										5
Painting, drawing, sculpture					5										5
16.10 Health professions															
Other: Forums on drugs and ecology					3										3
16.16 Psychology															
Other: Group encounter experiences					5										5
16.17 Public affairs and services															
Other: Discussions of international issues					5										5
16.20 Theology					30										30
Sub-total					73										
													TOTAL		73
EPISCOPAL CHURCH (GOOD SAMARITAN), CORVALLIS															
16.20 Theology				2											2
Sub-total				2											
													TOTAL		2

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	1	12	13	14	Total
EVANGELICAL CHURCH OF NORTH AMERICA, MILWAUKIE															
16.6 Education															
Adult and higher education		1													1
Curriculum and instruction		1													1
Educational technology		1													1
16.20 Theology		1													1
Sub-total		4											TOTAL		4
FIRST BAPTIST CHURCH, GRANTS PASS															
16.20 Theology								1							1
16.22 Areas not covered above (specify)															
Leadership training								1							1
Sub-total								2					TOTAL		2
FIRST BAPTIST CHURCH, McMINNVILLE															
16.2 Architecture and environmental design															
Environmental design, general			1												1
16.4 Communications															
Other: Interpersonal communication skills			12												12
16.6 Education															
Curriculum and instruction	4														4
Primary and secondary education (religious)	3														3
16.8 Fine and applied arts															
Dramatic arts			1												1
Fine arts, general			1												1
Music			1												1
Painting, drawing, sculpture			1												1

TABLE 1 (cont.)

Agency Category and Agency								DISTRICT							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.11 Home economics and home arts															
Family relations and child development			1												1
16.20 Theology			40												40
16.21 General															
Personal/Family living			3												3
16.22 Areas not covered above (specify)															
Church history			2												2
Environmental stewardship			1												1
Ethics			2												2
Sex education			1												1
Urban problems/needs			1												1
Sub-totals	7		68												
													TOTAL		75
FIRST CHRISTIAN CHURCH, ALBANY															
16.4 Communications															
Spoken communication				2											2
16.16 Psychology															
Social psychology				2											2
16.20 Theology				1											1
Sub-total				5											
													TOTAL		5
FIRST CHRISTIAN CHURCH, CORVALLIS															
16.6 Education															
Adult and higher education				1											1
16.11 Home economics and home arts															
Family relations and child development				2											2
16.16 Psychology															
Social psychology				1											1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.22 Areas not covered above (specify)															
Personal development, encounter groups				4											4
Sub-total				8											
													TOTAL		8
FIRST CHRISTIAN CHURCH, EUGENE															
16.17 Public affairs and services															
Social work and helping services					1										1
16.20 Theology					26										26
16.22 Areas not covered above (specify)															
Choir (music)					2										2
Senior citizens					1										1
Sub-total					30										
													TOTAL		30
FIRST CONGREGATIONAL CHURCH, PORTLAND															
16.11 Home economics and home arts															
Family relations and child development		2													2
16.20 Theology		1													1
Sub-total		3													
													TOTAL		3
FIRST CONGREGATIONAL UNITED CHURCH OF CHRIST, SALEM															
16.1 Agriculture and natural resources															
Other: Ecology Education			3												3
16.3 Business and management															
Personnel and training			6												6
Supervision			3												3
16.4 Communications															
Written communication			2												2
Other: Nonverbal communication			2												2

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.6 Education															
Adult and higher education			3												3
Curriculum and instruction			2												2
Primary and secondary education			3												3
16.11 Home economics and home arts															
Family relations and child development			3												3
16.16 Psychology															
Developmental psychology			3												3
16.20 Theology			12												12
16.21 General															
Personal/Family living			3												3
Sub-total			45												
													TOTAL		45
FIRST PRESBYTERIAN CHURCH, PENDLETON															
16.20 Theology												5			5
Sub-total												5			
													TOTAL		5
FIRST PRESBYTERIAN CHURCH, ROSEBURG															
16.20 Theology						7									7
Sub-total						7									
													TOTAL		7
FIRST UNITED METHODIST CHURCH, MEDFORD															
16.20 Theology								12							12
Sub-total								12							
													TOTAL		12
FIRST UNITED METHODIST CHURCH, OREGON CITY															
16.6 Education															
Special education: Pastor		1													1
Other: Young pastors		1													1

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
								DISTRICT							
16.15 Physical sciences															
Other: Anthropology		1													1
16.16 Psychology															
Applied psychology		1													1
16.20 Theology		3													3
16.21 General															
Personal/Family living		1													1
16.22 Areas not covered above (specify)															
Community reformulation		1													1
Sub-total		9											TOTAL		9
FIRST UNITED METHODIST CHURCH, SALEM															
16.16 Psychology															
Other			2												2
16.17 Public affairs and services															
Other			2												2
16.20 Theology			5												5
16.21 General															
Personal/Family living			1												1
Sub-total			10										TOTAL		10
GRACE LUTHERAN CHURCH, CORVALLIS															
16.4 Communications															
Other: Interpersonal relations				1											1
16.6 Education															
Curriculum and instruction				1											1
Other: Black studies				1											1
16.8 Fine and applied arts															
Fine arts, general				1											1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.20 Theology				1											1
Sub-total				5											
													TOTAL		5
GREATER PORTLAND COUNCIL OF CHURCHES															
16.17 Public affairs and services Other		5													5
16.20 Theology		6													6
Sub-total		11													
													TOTAL		11
HOLY TRINITY CHURCH, BEAVERTON															
16.20 Theology		2													2
Sub-total		2													
													TOTAL		2
IMMANUEL LUTHERAN CHURCH, MARION COUNTY															
16.8 Fine and applied arts Music			4												4
16.20 Theology			10												10
Sub-total			14												
													TOTAL		14
LAKE GROVE PRESBYTERIAN, LAKE GROVE															
16.20 Theology		3													3
Sub-total		3													
													TOTAL		3
MILWAUKIE LUTHERAN CHURCH, MILWAUKIE															
16.20 Theology		5													5
Sub-total		5													
													TOTAL		5

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
MISSIONARY DISTRICT OF EASTERN OREGON, BEND															
16.4 Communications															
Reading													1		1
Spoken communication													1		1
Written communication													1		1
16.6 Education															
Adult and higher education													1		1
Primary and secondary education													1		1
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)													1		1
Dramatic arts													1		1
Fine arts, general													1		1
Music													1		1
Painting, drawing, sculpture													1		1
16.18 Recreation															
Indoor													1		1
Outdoor													1		1
16.20 Theology													6		6
16.21 General															
Personal/Family living													1		1
Sub-total													19		
													TOTAL		19
OUR LADY OF THE LAKE CHURCH AND SCHOOL, LAKE OSWEGO															
16.20 Theology		5													5
Sub-total		5													
													TOTAL		5
PEACE LUTHERAN CHURCH, PENDLETON															
16.6 Education															
Special education												6			6
Sub-total												6			
													TOTAL		6

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
PRESBYTERIAN CHURCH HEADQUARTERS SYNOD OF OREGON[g]															
16.4 Communications															
Broadcast technology		1	1												2
16.6 Education															
Adult and higher education			2												2
Curriculum and instruction	3	10	3	4	7	3	2	5	2	2	2	6	1	2	52
16.8 Fine and applied arts															
Dance		1													1
Fine arts, general		2													2
Music		1													1
Painting, drawing, sculpture		1													1
16.20 Theology	1	8	2		7		1	6				1			26
Sub-totals	4	24	8	4	14	3	3	11	2	2	2	7	1	2	
													TOTAL		87
REORGANIZED CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS, PORTLAND															
16.20 Theology		2													2
Sub-total		2													
													TOTAL		2
ST. CECILIA CHURCH, BEAVERTON															
16.4 Communications															
Other: Marriage communication		4													4
16.20 Theology		5													5
Sub-total		9													
													TOTAL		9

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[g] Offerings not reported by individual churches.

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
								DISTRICT							
ST. MARK'S EPISCOPAL PARISH CHURCH, MEDFORD															
16.20 Theology								20							20
Sub-total								20							
													TOTAL		20
ST. MARY'S CHURCH, CORVALLIS															
16.6 Education Adult and higher education				2											2
16.8 Fine and applied arts Dramatic arts				1											1
16.11 Home economics and home arts Family relations and child development				1											1
16.17 Public affairs and services Social work and helping services				1											1
16.18 Recreation and physical education Indoor				1											1
16.20 Theology				1											1
Sub-total				7											
													TOTAL		7
ST. MARY'S, EUGENE															
16.6 Education Special education					4										4
16.20 Theology					10										10
Sub-total					14										
													TOTAL		14
ST. MARY'S CATHOLIC CHURCH CONFRATERNITY OF CHRISTIAN DOCTRINE, MT. ANGEL															
16.20 Theology			5												5
Sub-total			5												
													TOTAL		5

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
ST. MONICA'S PARISH, COOS BAY															
16.4 Communications Spoken communication							3								3
16.20 Theology							5								5
Sub-total							8								
													TOTAL		8
ST. STEPHEN LUTHERAN CHURCH, GLADSTONE															
16.20 Theology		3													3
Sub-total		3													
													TOTAL		3
SPRINGFIELD CHRISTIAN CHURCH, SPRINGFIELD															
16.6 Education Curriculum and instruction					2										2
16.11 Home economics and home arts Family relations and child development					2										2
16.20 Theology					8										8
16.21 General Personal/Family living					1										1
Sub-total					13										
													TOTAL		13
TRINITY LUTHERAN CHURCH, GRESHAM															
16.20 Theology		5													5
Sub-total		5													
													TOTAL		5
UNION GOSPEL MISSION, PORTLAND															
16.20 Theology		12													12
16.21 General Rehabilitation programs		1													1
Sub-total		13													
													TOTAL		13

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
UNITED METHODIST CHURCH, FOREST GROVE															
16.4 Communications															
Reading		3													3
16.20 Theology		3													3
Sub-total		6											TOTAL		6
UNITED METHODIST CHURCH, McMINNVILLE															
16.20 Theology			5												5
Sub-total			5										TOTAL		5
UNITED PRESBYTERIAN CHURCH, ALBANY															
16.3 Business and management															
Personnel and training				4											4
16.6 Education															
Curriculum and instruction				4											4
16.20 Theology				4											4
16.22 Areas not covered above (specify)															
Churchmanship				4											4
Officer development				4											4
Sub-total				20									TOTAL		20
WESTMINSTER PRESBYTERIAN CHURCH, MEDFORD															
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)								1							1
Painting, drawing, sculpture								1							1
16.20 Theology								4							4
Sub-total								6					TOTAL		6

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
WESTMINSTER PRESBYTERIAN CHURCH, SALEM															
16.4 Communications															
Spoken communication			3												3
16.20 Theology													3		3
Sub-totals			3										3		
TOTAL															6
CATEGORY L TOTAL															623
M. Social Services Groups															
AMERICAN RED CROSS OREGON TRAIL CHAPTER[h]															
16.10 Health professions															
Nursing	4	117	2		7			24	2	1	4				161
Other	2	96		4	3			23							128
16.18 Recreation and physical education															
Outdoor	181	2134	322	195	605	118	248	324	145	105	286	16			4,679
16.22 Areas not covered above (specify)															
Mother's aide		7			6										13
Disaster nursing		5						1							6
First aid	49	455	82	56	142	40	53	67	30	46	78	4			1,102
Sub-totals	236	2814	406	255	763	158	301	434	177	152	368	20			
TOTAL															6,089
CELESTE CAMPBELL SENIOR COMMUNITY CENTER															
16.1 Agriculture and natural resources															
Food science and technology					1										1
16.4 Communications															
Other: Creative writing					1										1

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[h] Most American Red Cross courses are of relatively short duration.

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)					3										3
Dance					2										2
Painting, drawing, sculpture					1										1
16.9 Languages															
Other languages					7										7
16.18 Recreation and physical education															
Indoor					1										1
16.22 Areas not covered above (specify)															
Recreation, hobby					5										5
Sub-total					21								TOTAL		21
DALLAS SENIOR CENTER															
16.3 Business and management															
Transportation			1												1
16.8 Fine and applied arts															
Music			1												1
Painting, drawing, sculpture			3												3
16.10 Health professions															
Public health			1												1
16.11 Home economics and home arts															
Home economics, general			1												1
16.18 Recreation and physical education															
Indoor			2												2
16.21 General															
Citizenship			1												1
Rehabilitation programs			1												1

TABLE 1 (cont.)

Agency Category and Agency	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.22 Areas not covered above (specify)															
Nursing home therapy			2												2
Home for aged			3												3
Senior handwork			3												3
Sub-total			19												
TOTAL															19
EASTERN OREGON COMMUNITY DEVELOPMENT COUNCIL															
16.3 Business and management															
Accounting and bookkeeping													2		2
Business English													2		2
Marketing and purchasing													6		6
Real estate and insurance													2		2
Secretarial science													2		2
16.4 Communications															
Reading													8		8
Written communication													8		8
16.8 Fine and applied arts															
Dramatic arts													1		1
Painting, drawing, sculpture													3		3
16.11 Home economics and home arts															
Consumer economics and home management													8		8
Family relations and child development													2		2
Home economics, general													3		3
16.14 Mathematics													8		8
16.19 Technology															
Automotive, diesel													2		2
Welding													1		1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.21 General															
Adult basic education													8		8
Driver education													4		4
Personal/Family living													15		15
Sub-total													85		
													TOTAL		85
KLAMATH BASIN SENIOR CITIZEN'S COUNCIL															
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)											4				4
16.16 Psychology															
Social psychology											1				1
16.22 Areas not covered above (specify)															
Senior citizens' subjects											1.				1
Sub-total											6				
													TOTAL		6
NATIONAL ASSOCIATION FOR THE ADVANCEMENT OF COLORED PEOPLE															
16.6 Education															
Administration		2													2
Adult and higher education		4													4
Curriculum and instruction		10													10
16.11 Home economics and home arts															
Other		4													4
16.22 Areas not covered above (specify)															
Race relations		8	2	1											
Black history		6	1	1											
Sub-totals		34	3	2											
													TOTAL		39

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
NORTHWEST OUTWARD BOUND SCHOOL															
16.1 Agriculture and natural resources															
Forestry			5	5	5										15
16.2 Architecture and environmental design															
Environmental design, general			5	5	5										15
16.6 Education															
Adult and higher education				1	1										2
Special education			5	5	5										15
16.16 Psychology															
Applied psychology			5	5	5										15
16.18 Recreation and physical education															
Outdoor			5	5	5										15
16.22 Areas not covered above (specify)															
Affective/Experimental learning			5	5	5										15
Sub-totals			30	31	31										
													TOTAL		92
PLANNED PARENTHOOD ASSOCIATION, INC., PORTLAND															
16.10 Health professions															
Medical specialties		3													3
Nursing		15													15
Public health		4													4
Social workers		10													10
Other		13													13
16.21 General															
Personal/Family living		394													394
Sub-total		439													
													TOTAL		439

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
URBAN LEAGUE--PROJECT OUTREACH															
16.6 Education															
Special education		2													2
16.21 General															
Avocational		1													1
Sub-total		3											TOTAL		3
YOUNG MEN'S CHRISTIAN ASSOCIATION, MEDFORD															
16.8 Fine and applied arts															
Dramatic arts								1							1
16.18 Recreation and physical education															
Indoor								5							5
Outdoor								2							2
Sub-total								8					TOTAL		8
YOUNG WOMEN'S CHRISTIAN ASSOCIATION, PORTLAND															
16.1 Agriculture and natural resources															
Food science and technology		4													4
16.2 Architecture and environmental design															
Environmental design, general		4													4
Interior design		3													3
Landscape architecture		1													1
16.3 Business and management															
Banking and finance		6													6
Investments and securities		4													4
Marketing and purchasing		1													1
Real estate and insurance		1													1
16.4 Communications															
Spoken communication		2													2
Written communication		2													2
Other		6													6

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.8 Fine and applied arts															
Applied design (ceramics, weaving, jewelry, commercial art)		2													2
Dance		8													8
Music		8													8
Painting, drawing, sculpture		18													18
Photography		3													3
16.9 Languages															
English as a second language		6													6
Other languages		15													15
16.11 Home economics and home arts															
Clothing and textiles		10													10
Consumer economics and home management		6													6
Family relations and child development		4													4
16.16 Psychology															
Social psychology		4													1
16.18 Recreation and physical education															
Indoor		100													100
Outdoor		25													25
16.21 General															
Adult basic education		10													10
Driver education		3													3
Personal/Family living		6													6
Sub-total		262													
													TOTAL		262

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
YOUNG WOMEN'S CHRISTIAN ASSOCIATION, SALEM															
16.2 Architecture and environmental design															
City, community and regional planning			1												1
Interior design			2												2
16.3 Business and management															
Business English			1												1
Secretarial science			1												1
16.4 Communications															
Reading			1												1
Spoken communication			1												1
Written communication			1												1
16.6 Education															
Adult and higher education			1												1
Primary and secondary education			1												1
Special education			1												1
16.8 Fine and applied arts															
Dance			12												12
Dramatic arts			1												1
Music			10												10
Painting, drawing, sculpture			15												15
Photography			2												2
16.10 Health professions															
Other: First aid			1												1
16.11 Home economics and home arts															
Consumer economics and home management			2												2
Family relations and child development			4												4
Home economics, general			4												4

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.14 Mathematics			1												1
16.18 Recreation and physical education															
Indoor			15												15
Outdoor			12												12
16.21 General															
Driver education			15												15
Rehabilitation programs			3												3
Sub-total			108												
TOTAL															108
CATEGORY M TOTAL															7,171
N. Voluntary Associations (General)															
ANTI-DEFAMATION LEAGUE, SEATTLE															
16.6 Education															
Other		1													1
Sub-total		1													
TOTAL															1
INSTITUTE FOR THE ACHIEVEMENT OF HUMAN POTENTIAL															
16.22 Areas not covered (specify)															
Doman-Delacate Ed.			1												1
Sub-total			1												
TOTAL															1
LA GRANDE KNIFE AND FORK CLUB															
16.3 Business and management															
Personnel and training													1		1
16.7 Engineering and technology															
Applied science													1		1
16.15 Physical sciences															
Oceanography													1		1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
16.21 General															
Citizenship													1		1
Personal/Family living													1		1
Sub-total													5		
													TOTAL		5
OREGON CONSUMER LEAGUE															
16.11 Home economics and home arts															
Consumer economics and home management		1	1	1		1			1						5
Sub-totals		1	1	1		1			1						
													TOTAL		5
PORTLAND AUDUBON SOCIETY															
16.22 Areas not covered (specify)															
Nature study		65													65
Sub-total		65													
													TOTAL		65
WORLD AFFAIRS COUNCIL OF OREGON															
16.6 Education															
Special education		3													3
16.22 Areas not covered above (specify)															
Seminars for business men		2													2
Discussion groups (adult) Foreign policy		50													50
Community service (orienting foreign visitors and students)		300													300
Lectures at luncheons		15													15
Sub-total		370													
													TOTAL		370

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
WORLD WITHOUT WAR COUNCIL, EUGENE															
16.22 Areas not covered (specify)															
War/Peace issues					20										20
Sub-total					20										
													TOTAL		20
													CATEGORY N TOTAL		467
O. Voluntary Health Organizations															
EUGENE HEARING AND SPEECH CENTER															
16.6 Education															
Special education					1										1
16.17 Public affairs and services															
Social work and helping services					1										1
16.18 Recreation and physical education															
Outdoor					1										1
16.22 Areas not covered above (specify)															
Audiology					2										2
Sub-total					5										
													TOTAL		5
OREGON HEART ASSOCIATION															
16.10 Health professions															
Health professions, general		1													1
Medical specialties		1				1		1					1		4
Nursing		1				1		1		1			1		5
Other		1						1					1		3
Sub-totals		4				2		3		1			3		
													TOTAL		13

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
WILLAMETTE TB AND RESPIRATORY DISEASE ASSOCIATION, INC.															
16.10 Health professions															
Medical specialties			1												1
Nursing			1												1
Public health			1												1
Sub-total			3												
													TOTAL		3
													CATEGORY O TOTAL		21
P. Miscellaneous Agencies: Hospitals, Labor Unions, Libraries															
ASTORIA PUBLIC LIBRARY															
16.8 Fine and applied arts															
Music	1														1
16.22 Areas not covered above (specify)															
Travel	1														1
Sub-total	2														
													TOTAL		2
GOOD SAMARITAN HOSPITAL, PORTLAND															
16.16 Psychology															
Developmental psychology		3													3
Sub-total		3													
													TOTAL		3
IRONWORKERS DISTRICT COUNCIL OF THE PACIFIC NORTHWEST															
16.22 Areas not covered (specify)															
Vocational		1													1
Sub-total		1													
													TOTAL		1

TABLE 1 (cont.)

Agency Category and Agency	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
NATIONAL TRAINING LABORATORIES, TIGARD															
16.16 Psychology															
Other: Applied behavioral science		3													3
Sub-total		3													
TOTAL															3
ROGUE VALLEY MEMORIAL HOSPITAL															
16.10 Health professions															
Health professions, general								1							1
Medical specialties								1							1
Nursing								1							1
Sub-total								3							
TOTAL															3
CATEGORY P TOTAL															12
GRAND TOTAL ALL CATEGORIES															23,066

COURSE OFFERINGS
(Responses to Survey Questionnaire Item 16)

Part II

How to Use Part II. Table 2 tells how many of a particular gender of offerings were conducted within each of the fourteen administrative districts during the period May 1, 1969, through April 30, 1970. Table 2 also provides district totals for Continuing Education and Community Services course and allied learning opportunities. Exactly which agencies contributed to the course offering totals may be determined by consulting Appendix K (alphabetical listing of agencies) using the numbers beside each generic course heading as a guide.

Generic Headings. Although some frustration may occur upon discovery that only broad course headings are used instead of actual course titles, it may be remembered that even course titles do not always adequately describe the contents of a course. Where further information is desired, it is suggested that the appropriate agencies be contacted directly, as both Tables 1 and 2 are actually intended to serve as much as communication catalysts as substitutes for interagency communication.

Table 3 is for the purpose of comparing the frequency of Continuing Education and Community Services courses and allied learning opportunities with selected district demographic data. The ratios were computed by dividing the number of courses and allied learning opportunities for each district (Table 2) into totals selected from District Facts (1970).

For example, to obtain the ration 1:28 under Employment/District No. 1, the number employed in district No. 1 during 1968 was divided by the number of courses offered in district No. 1 during the period May 1, 1969, through April 30, 1970.

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TABLE 2
(Item 16)

STATEWIDE CONTINUING EDUCATION AND COMMUNITY SERVICES COURSE OFFERINGS AND ALLIED LEARNING OPPORTUNITIES ACCORDING TO GENERIC SUBJECT HEADINGS
N = 176

Generic Course Heading[a]	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Accounting and Bookkeeping (16.3)[b]	3		9													9
	12													1		1
	15		4													4
	16												6			6
	21										4					4
	23			6												6
	24		9													9
	26												1			1
	30		16	10	4	5		1	3		1	6	1	1	3	51
	34													2		2
	36													1		1
	57								3							3
	60									2						2
	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
	66					3										3
	70											1				1
	72					24										24
	75			1												1
	76				27											27
	77			6												6
	79								2							2
	85		10													10
	110				1											1
	115		1													1
	121		17													17
	122		2													2

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[a] Also see Other and Areas Not Covered Above. [b] Refers to numbered headings of questionnaire (Appendix D)

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Accounting and Bookkeeping (16.3)	123		1													1
	143							27								27
	145			2												2
	146		3													3
	149														2	2
	151						4									4
	159					2										2
	Sub-totals	1	73	26	33	35	5	29	9	3	6	8	9	6	6	249
Administration-Education (16.6)	7		3													3
	9								1							1
	14		1													1
	30	3	15	4		3	2	1			2	2		1		33
	57								2							2
	90		2													2
	163					3										3
	Sub-totals	3	21	4	0	6	2	1	3	0	2	2	0	1	0	45
Adult and Higher Education (16.6)	9								1							1
	14		2													2
	30			4	15	1				3		2				25
	39		1													1
	43				1											1
	46			3												3
	53							1								1
	66					4										4
	83													1		1
	85		1													1
	86		4													4
	90		4													4
	93				1	1										2
	125			2												2
	134				2											2
	163						1									1
	176			1												1
	Sub-totals	0	12	10	19	6	1	1	1	3	0	2	0	1	0	56

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Adult Basic Education (16.21)	21										12					12
	24		12													12
	30													5	1	6
	34													8		8
	36													2		2
	66					4										4
	68											1				1
	72					13										13
	74				1											1
	76				8											8
	77			8												8
	85		15													15
	116		1													1
	119		3													3
	146		5													5
	147		3													3
	149														12	12
	175		10													10
	Sub-totals	0	49	8	9	17	0	0	0	0	12	1	0	15	13	124
Agriculture, General (16.1)	16												4			4
	21										1					1
	27	37	138	125	84	92	41	29	131	87	113	44	139	137	45	1,242
	30			1				1								2
	33								1							1
	66					1										1
	72					1										1
	74				2											2
	76				19											19
	79								1							1
	85		1													1
	109											4				4
	121		1													1
	141									1						1
	149														15	15
	Sub-totals	37	140	126	105	94	41	30	133	88	114	48	143	137	60	1,296

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TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	23			1												1
	30		1													1
Allied Health Sciences (16.10)	75			1												1
	105	1	1													2
	149														3	3
	161	3	3	3	3	3	3	3	3	3	3	3	3	3	3	42
	Sub-totals	4	5	5	3	3	3	3	3	3	3	3	3	3	6	50
	1		4													4
	8		16													16
	9								1							1
	16												3			3
	19					3										3
	21										5					5
	23			1												1
	24		3													3
	25	2														2
	29		4													4
	30		1	3		3		1								8
	33								3							3
	50		1													1
Applied Design (16.8)	53							1								1
	60									1						1
	66					2										2
	67											4				4
	70											1				1
	72					22										22
	74				4											4
	76				24											24
	78					45										45
	79								2							2
	81		3													3
	83													1		1
	85		11													11
	88		4													4
	92			2												2

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Applied Design (16.8)	103		2													2
	113				1											1
	121		45													45
	140		3													3
	143							12								12
	147		2													2
	148	2														2
	149														6	6
	151						4									4
	166		36													36
	169								1							1
	175		2													2
	Sub-totals	4	137	6	29	75	4	14	7	1	5	5	3	1	6	297
Applied Prychology (16.16)	16												2			2
	21										1					1
	23			9												9
	30	1	42	4	1		1			1		3	1	2		56
	50		1													1
	57								3							3
	72					5										5
	75			1												1
	76				6											6
	85		2													2
	93			5	5	5										15
	121		2													2
	146		8													8
	Sub-totals	1	55	19	12	10	1	0	3	1	1	3	3	2	0	111
Applied Science (16.7)	21										1					1
	23			3												3
	30		69									6				75
	69													1		1
	76				9											9
	146		4													4
	Sub-totals	0	73	3	9	0	0	0	0	0	1	6	0	1	0	93

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	14		1													1
	23			3												3
Architecture (16.2)	30		2	2	1	2						2				9
	72					1										1
	146		1													1
	151						1									1
	Sub-totals	0	4	5	1	3	1	0	0	0	0	2	0	0	0	16
	21										1					1
	30			1												1
Astronomy (16.15)	75			1												1
	103		2													2
	149														2	2
	Sub-totals	0	2	2	0	0	0	0	0	0	1	0	0	0	2	7
	23			3												3
	30											5				5
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16
	33								2							2
	34													2		2
Automotive, Diesel (16.19)	64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10
	72					20										20
	85		26													26
	103		2													2
	143							24								24
	146		3													3
	151						2									2
	Sub-totals	0	31	3	0	20	2	24	2	0	0	5	0	2	0	115

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Avocational (Not Covered Elsewhere) (16.21)	21										30					30
	30		4													4
	53							1								1
	66					6										6
	72					35										35
	85		30													30
	103	1	3			1										5
	121		115													115
	146		17													17
	148	3														3
	167		1													1
	Sub-totals	4	170	0	0	42	0	1	0	0	30	0	0	0	0	247
Banking and Finance (16.3)	3		18													18
	21										1					1
	25	8														8
	30											2				2
	57								1							1
	75			1												1
	110				2											2
	121		2													2
	123		1													1
	143							10								10
	149														1	1
	159					1										1
	166		1													1
	175		6													6
	Sub-totals	8	28	1	2	1	0	10	1	0	1	2	0	0	1	55
Broadcast Technology (16.4)	30					2										2
	66					1										1
	72					1										1
	75			1												1
	125			1												1
	166		1													1
	Sub-totals	0	1	2	0	4	0	0	0	0	0	0	0	0	0	7

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TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Business English (16.3)	3		2													2
	12													1		1
	21										1					1
	23			3												3
	24		2													2
	25	1														1
	30											1				1
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43
	34													2		2
	36													1		1
	74				1											1
	75			1												1
	76				5											5
	77			2												2
	85		4													4
	96					1								1		2
	116		2													2
	122		1													1
	143							3								3
	157		3	1											1	5
	176			1												1
	Sub-totals	1	14	8	6	1	0	3	0	0	1	1	0	5	1	84
Business Management and Administration (16.3)	3		2													2
	21										4					4
	23			1												1
	24		1													1
	27		3	7	8		4	2		2	3	7	7	3	7	53
	30		16		1	2						4	2			25
	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
	72					7										7
	73		2													2
	74				1											1
	75			1												1
	76				13											13
	85		3													3

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Business Management and Administration (16.3)	86		1													1
	96					1								1		2
	105	1														1
	110				1											1
	121		4													4
	123		2													2
	126		1													1
	143							6								6
	146		9													9
	149														1	1
	159		3			2										5
	Sub-totals	2	48	10	25	13	5	9	1	3	8	12	10	5	9	160
Chemistry (16.15)	30			3		3	1									7
	57								1							1
	72					5										5
	75			1												1
	76				13											13
	128		1													1
	146		5													5
	Sub-totals	0	6	4	13	8	1	0	1	0	0	0	0	0	0	33
Citizenship (16.21)	25	2														2
	28			1												1
	30		1													1
	69													1		1
	72					4										4
	79								3							3
	121		8													8
	151						1									1
	Sub-totals	2	9	1	0	4	1	0	3	0	0	0	0	1	0	21

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
City, Community and Regional Planning (16.2)	21										1					1
	23			1												1
	27	41	149	174	119	55	6	56	31	101	39	61	101	38	61	1,032
	41			1												1
	50		1													1
	75			1												1
	86		1													1
	124		1													1
	158										2					2
	176			1												1
	Sub-totals	41	152	178	119	55	6	56	31	101	42	61	101	38	61	1,042
Civil Engineering (16.7)	23			16												16
	25	1														1
	30		15			5		2								22
	72					3										3
	86		1													1
	151						4									4
	Sub-totals	1	16	16	0	8	4	2	0	0	0	0	0	0	0	47
Clothing and Textiles (16.11)	16												13			13
	18			3												3
	21										3					3
	23			63												63
	24		38													38
	27	8	62	5	22	41			18	7	47	2	34	27	9	282
	30					1										1
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24
	36													1		1
	52						2									2
	53							1								1
	56												1			1
	57								6							6
	66					13										13
	70											2				2
	72					116										116

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Clothing and Textiles (16.11)	74				20											20
	75			1												1
	76				120											120
	79								6							6
	85		59													59
	112				1											1
	121		161													161
	143							37								37
	145			2												2
	147		1													1
	148	14														14
	149														13	13
	151						65									65
	175		10													10
	Sub-totals	22	331	74	163	171	67	38	30	7	50	4	48	28	22	1,079
Computer Programing (16.5)	9								1							1
	16												3			3
	21										1					1
	23			10												10
	25	1														1
	30	1	5		1			1				2		1	1	12
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
	35		1			1										2
	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
	72					1										1
	75			1												1
	76				7											7
	79								3							3
	85		3													3
	86		1													1
	103		2													2
	126		1													1
	143							6								6
	146		4													4

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.)	151						2									2
Computer Programing	166		1													1
(16.5)	Sub-totals	3	19	12	9	3	3	8	5	1	2	3	4	2	2	78
	21										1					1
	23			5												5
	27		60	20	37	23	4			2	13		13	15	39	226
	30		1													1
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
	34													8		8
	72					2										2
	75			1												1
	85		1													1
Consumer Economics and Home Management (16.11)	99		1	1	1		1			1						5
	112				3											3
	121		3													3
	143							5								5
	146		1													1
	151						1									1
	166		1													1
	175		6													6
	176			2												2
	Sub-totals	0	74	29	41	25	6	5	0	3	14	0	13	23	39	277
	9								1							1
	21										1					1
	23			1												1
	30	2	48	51		31	2	4		4	10	1	1			154
Curriculum and Instruction (16.6)	36													1		1
	39		1													1
	41	4														4
	46			2												2
	55				1											1
	74				5											5
	75			4												4

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Curriculum and Instruction (16.6)	81		2													2
	90		10													10
	92			1												1
	103		10													10
	125	3	10	3	4	7	3	2	5	2	2	2	6	1	2	52
	141									2						2
	144					2										2
	147		4													4
	151								8							8
	156				4											4
	163					4			1		2					7
	Sub-totals	9	85	62	14	44	5	6	15	8	15	3	7	2	2	277
Dance (16.8)	1		3													3
	19					2										2
	21										1					1
	22					10										10
	30					3										3
	66					4										4
	72					2										2
	76				5											5
	125		1													1
	140		4													4
	143							3								3
	149														2	2
	175		8													8
	176			12												12
	Sub-totals	0	16	12	5	21	0	3	0	0	1	0	0	0	2	60
Data Processing (16.5)	21										1					1
	23			7												7
	25	4														4
	30		8			1						2				11
	35		1			1										2
	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Data Processing (16.5)	72					7										7
	75			1												1
	76				15											15
	79								1							1
	86		1													1
	121		1													1
	143							14								14
	146		4													4
	151						2									2
	166		1													1
	Sub-totals	5	17	9	16	10	3	15	2	1	2	3	1	1	1	86
Dental Specialties (16.10)	21										1					1
	30			1		3			2			1				7
	72					6										6
	151						1									1
	160	6	227	2	2	3	4	3	7	5	6			6		271
	Sub-totals	6	227	3	2	12	5	3	9	5	7	1	0	6	0	286
Developmental Psychology (16.16)	30		18	6	2	5			1			1	1			34
	46			3												3
	54		3													3
	57								1							1
	75			1												1
	105	1														1
	143							7								7
	146		3													3
	Sub-totals	1	24	10	2	5	0	7	2	0	0	1	1	0	0	52
Drafting (16.19)	9								1							1
	23			11												11
	24		5													5
	66					2										2
	72					9										9
	76				10											10

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Drafting (16.19)	79								1							1
	85		15													15
	86		1													1
	143							7								7
	146		10													10
	Sub-totals	0	31	11	10	11	0	7	2	0	0	0	0	0	0	72
Dramatic Arts (16.8)	1		2													2
	22					5										5
	30	5						1								6
	34													1		1
	41			1												1
	66					1										1
	75			3												3
	83													1		1
	85		1													1
	121		2													2
	134				1											1
	143							9								9
	149														1	1
	174								1							1
	176			1												1
	Sub-totals	5	5	5	1	6	0	10	1	0	0	0	0	2	1	36
Driver Education (16.21)	24		3													3
	25	2														2
	30		1		1											2
	34													4		4
	57								1							1
	66					2										2
	72					5										5
	74				3											3
	76				12											12
	116		1													1
	143							7								7

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Driver Education (16.21)	148	2														2
	149														1	1
	151						1									1
	175		3													3
	176			15												15
	Sub-totals	4	8	15	16	7	1	7	1	0	0	0	0	4	1	64
Educational Technology (16.6)	9								1							1
	30		16	15		1				2		1	1	4		40
	39		1													1
	75			2												2
	81		2													2
	92			1												1
	146		3													3
	151								1							1
	Sub-totals	0	22	18	0	1	0	0	2	2	0	1	1	4	0	51
Electrical Engineering, Electronics (16.7)	21										1					1
	30		9										1			10
	72					1										1
	85		8													8
	143							22								22
	146		6													6
	Sub-totals	0	23	0	0	1	0	22	0	0	1	0	1	0	0	48
Engineering Technologies (16.7)	30		8			1						4				13
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
	72					51										51
	85		1													1
	94		1			1										2
	143							15								15
	146		14													14
	Sub-totals	0	24	0	0	53	0	15	0	0	0	4	0	0	0	107

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
English as a Second Language (16.9)	16												1			1
	25	3														3
	30		5	2			1	1	1		1					11
	72					3										3
	76				3											3
	77			3												3
	121		18													18
	140		1													1
	146		1													1
	151						1									1
	175		6													6
	Sub-totals	3	31	5	3	3	2	1	1	0	1	0	1	0	0	51
Environmental and Sanitary Engineering (16.7)	24		3													3
	30				1											1
	76				9											9
	146		1													1
	Sub-totals	0	4	0	10	0	0	0	0	0	0	0	0	0	0	14
Environmental Design, General (16.2)	41			1												1
	75			1												1
	93			5	5	5										15
	97		2													2
	108					1										1
	146		2													2
	175		4													4
	Sub-totals	0	8	7	5	6	0	0	0	0	0	0	0	0	0	26
Family Relations and Child Development (16.11)	16												1			1
	21										1					1
	23			2												2
	24		2													2
	27		11	3	2					28	2		2		8	56
	30					3				1			2			6

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Family Relations and Child Development (16.11)	34													2		2
	41			1												1
	43				2											2
	45		2													2
	46			3												3
	53							1								1
	72					7										7
	75			1												1
	76				1											1
	85		2													2
	103		1													1
	112				3											3
	121		26													26
	134				1											1
	143							4								4
	144					2										2
	146		1													1
	148	1														1
	151						1									1
	166		1													1
	175		4													4
	176			4												4
	Sub-totals	1	50	14	9	12	1	5	0	29	3	0	5	2	8	139
Fine Arts, General (16.8)	1		4													4
	24		12													12
	30	1	3	2			1	4				2				13
	41			1												1
	55				1											1
	72					5										5
	75			1												1
	76				11											11
	78					12										12
	83													1		1

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Fine Arts, General (16.8)	88		2													2
	125		2													2
	146		1													1
	149														1	1
	Sub-totals	1	24	4	12	17	1	4	0	0	0	2	0	1	1	67
Food Science and Technology (16.1)	19					5										1
	21										1					1
	27			3		4	2									9
	30							2								2
	86		1													1
	109		4													4
	121		3													3
	129						1									1
	145			3												3
	151						6									6
	175		4													4
	Sub-totals	0	12	6	0	5	9	2	0	0	1	0	0	0	0	35
Forestry (16.1)	24		3													3
	25	4														4
	27	9	36		45		4	11	9	2				8		124
	30			3		1		1						1		6
	53							1								1
	85		1													1
	93			5	5	5										15
	111				7											7
	143							17								17
	151						6		1							7
	Sub-totals	13	40	8	57	6	10	30	10	2	0	0	0	9	0	185
Geology (16.15)	21										1					1
	30	1	1	2	1	3	2			1						11
	30 (LS)			10												10
	53							1								1

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Geology (16.15)	57								1							1
	72					4										4
	75			1												1
	76				1											1
	103		4													4
	146		2													2
	149														1	1
	Sub-totals	1	7	13	2	7	2	1	1	1	1	0	0	0	1	37
Health Professions, General (16.10)	16												2			2
	21										1		2			3
	23			3												3
	30							1								1
	72					5										5
	77			2												2
	80					1										1
	100		1													1
	131								1							1
	Sub-totals	0	1	5	0	6	0	1	1	0	1	0	4	0	0	19
Home Economics, General (16.11)	21										1					1
	23			7												7
	24		3													3
	27		70	5	34	7	11	4	2	5	47		10	36	17	248
	28			1												1
	30					2										2
	34													2		2
	60									1						1
	72					1										1
	75			1												1
	76				21											21
	79								2							2
	112				3											3
	143							9								9
	176			4												4
	Sub-totals	0	73	18	58	10	11	13	4	6	48	0	10	38	17	306

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Hospital and Health Care Administration (16.10)	23			1												1
	30					1										1
	72					2										2
	Sub-totals	0	0	1	0	3	0	0	0	0	0	0	0	0	0	4
Indoor Recreation and Physical Education (16.18)	9								1							1
	19					6										6
	21										2					2
	24		4													4
	25	6														6
	28			2												2
	30	1				4	2	1				2				10
	30 (LS)		1													1
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	61
	53							1								1
	66					15										15
	70											2				2
	72					8										8
	74				2											2
	75			1												1
	76				25											25
	79								3							3
	83													1		1
	85		37													37
	92			1												1
	121		8													8
	134				1											1
	141									1						1
	174								5							5
	175		100													100
	176			15												15
	Sub-totals	7	150	19	28	33	2	2	9	1	2	4	0	1	0	319

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Industrial Engineering (16.7)	23			1												1
	30		2		1											3
	Sub-totals	0	2	1	1	0	0	0	0	0	0	0	0	0	0	4
Interior Design 16.2)	14		1													1
	21										1					1
	30					2								2		4
	72					4										4
	76				6											6
	85		2													2
	121		11													11
	140		4													4
	146		2													2
	149														2	2
	151						4									4
	175		3													3
	176			2												2
	Sub-totals	0	23	2	6	6	4	0	0	0	1	0	0	2	2	46
International Business (16.3)	30		2													2
	75			1												1
	123		1													1
	146		1													1
	159		1			1										2
	Sub-totals	0	5	1	0	1	0	0	0	0	0	0	0	0	0	7
Investments and Securities (16.3)	5		1													1
	16												3			3
	21										3					3
	23			1												1
	24		1													1
	25	2														2
	30		6	3			1		1			2				13
	57								1							1

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	60									1						1
	66					1										1
	72					5										5
	74				1											1
	75			1												1
	76				4											4
	77			1												1
	79								2							2
	80					1										1
(cont.)	85		4													4
Investments and Securities	96					1										1
(16.3)	110				1											1
	122		4													4
	123		1													1
	127		2													2
	143							3								3
	145			1												1
	146		1													1
	149														3	3
	151						2									2
	166		1													1
	175		4													4
	Sub-totals	2	25	7	6	8	3	3	4	1	3	2	3	0	3	70
	14		1													1
	21										1					1
	23			1												1
	24		3													3
Landscape Architecture	25	1														1
(16.2)	30		3		1											4
	72					2										2
	76				5											5
	85		3													3
	97		2													2
	113				1											1

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Landscape Architecture (16.2)	121		4													4
	143							3								3
	147		2													2
	175		1													1
	Sub-totals	1	19	1	7	2	0	3	0	0	1	0	0	0	0	34
Law (16.12)	3		4													4
	21										2					2
	25	1														1
	30		1			2										3
	30 (LS)	1	3	3	1			1	1	1	1					12
	72					1										1
	77			1												1
	80			1												1
	86		1													1
	94	2	9	6	2	4	2	2	2	3	2	3	4	3	3	47
	107	1	3													4
	116		1													1
	146		3													3
	164					3										3
	166		1													1
	Sub-totals	5	26	11	3	10	2	3	3	4	5	3	4	3	3	85
Law Enforcement and Corrections (16.17)	16												10			10
	23			17												17
	24		3													3
	30		3	3												6
	72					3										3
	76				7											7
	86		2													2
	121		12													12
	124		1													1
	143							22								22
	149														8	8
	Sub-totals	0	21	20	7	3	0	22	0	0	0	0	10	0	8	91

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Library Science (16.13)	16												1			1
	30	2				6		1		1						10
	72					3										3
	74				1											1
	81		1													1
	141									1						1
	166		1													1
	Sub-totals	2	2	0	1	9	0	1	0	2	0	0	1	0	0	18
Machine (16.19)	9								1							1
	23			14												14
	24		5													5
	30											1				1
	72					10										10
	143							3								3
	146		5													5
	Sub-totals	0	10	14	0	10	0	3	1	0	0	1	0	0	0	39
Manpower Development Training (16.21)	27		13	2	9	5			14	17				9		69
	30		8													8
	72					11										11
	116		1													1
	139	1	1	1	1	1										5
	151								4							4
	Sub-totals	1	23	3	10	17	0	0	18	17	0	0	0	9	0	98
Mathematics (16.14)	16												2			2
	21										5					5
	23			13												13
	25	3														3
	30		20	15	6	27	1	1	1	6		7	2		1	87
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
	34													8		8
	36													1		1
	66					3										3

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Mathematics (16.14)	72					40										40
	74				2											2
	75			3												3
	76				16											16
	77			6												6
	79								2							2
	85		14													14
	86		1													1
	103		1													1
	116		1													1
	121		2													2
	128		1													1
	143							21								21
	146		26													26
	148	1														1
	151								3							3
	176			1												1
	Sub-totals	4	66	38	24	70	1	22	6	6	5	7	4	9	1	267
Marketing and Purchasing (16.3)	3		18													18
	5		1													1
	21										1					1
	27	3	36	9	29	9	19	6	27	9	9	10	21	33	37	257
	30											2				2
	34													6		6
	72					1										1
	75			1												1
	80					1										1
	85		3													3
	123		1													1
	126		1													1
	143							3								3
	149														1	1
	159					1										1
	175		1													1
	Sub-totals	3	61	10	29	12	19	9	27	9	10	12	21	39	38	299

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Mechanical Engineering (16.7)	30		6													6
	146		6													6
	Sub-totals	0	12	0	0	0	0	0	0	0	0	0	0	0	0	12
Medical Specialties (16.10)	16												1			1
	21										1					1
	100		1				1		1					1		4
	102			1												1
	106		6		1	2										9
	118		3													3
	122		5													5
	131								1							1
	161	13	13	13	13	13	13	13	13	13	13	13	13	13	13	182
	171			1												1
	Sub-totals	13	28	15	14	15	14	13	15	13	14	13	14	14	13	208
Metal (16.19)	9								1							1
	30		1													1
	76				1											1
	85		1													1
	121		3													3
	143							1								1
	146		2													2
	Sub-totals	0	7	0	1	0	0	1	1	0	0	0	0	0	0	10
Metallurgy (16.15)	76				7											7
	146		2													2
	Sub-totals	0	2	0	7	0	0	0	0	0	0	0	0	0	0	9
Music (16.8)	1		5													5
	11	1														1
	14		1		1		1									3
	20					1										1
	21										4					4
	24		6													6

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) **Music** **(16.8)**	25	6														6
	28			1												1
	30	4		2		4										10
	30 (LS)	1	1						2							4
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87
	41			1												1
	44					2										2
	61			4												4
	66					10										10
	72					5										5
	75			10												10
	76				1											1
	83													1		1
	87		2													2
	121		6													6
	125		1													1
	140		150													150
	143							26								26
	146		1													1
	151						3		1							4
	166		1													1
	175		8													8
	176			1												1
	Sub-totals	12	182	19	2	22	4	26	3	0	4	0	0	1	0	362
Natural Resources **Management** **(16.1)**	27	9	29	61	49	10	7	18	39	23	7	26	58	36	40	412
	30				1			1								2
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21
	109				4											4
	151						2									2
	Sub-totals	9	29	61	54	10	9	19	39	23	7	26	58	36	40	441

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Nursing (16.10)	4	4	122	2		7			25	2	1	4				167
	21										4					4
	23	2		3												5
	25	2														2
	30		4		1	1		1								7
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		12
	72					5										5
	79								1							1
	100		1				1		1		1			1		5
	104		2	1	1	1	1									6
	118		15													15
	131								1							1
	143							15								15
	149														3	3
	161	3	3	3	3	3	3	3	3	3	3	3	3	3	3	42
	171			1												1
	Sub-totals	11	147	10	5	17	5	19	31	5	9	7	3	4	6	291
Oceanography (16.15)	25	1														1
	27	9			114			21								144
	30	3		2	3	1										9
	69													1		1
	72					2										2
	74				1											1
	103		1													1
	Sub-totals	13	1	2	118	3	0	21	0	0	0	0	0	1	0	159
Other: Agriculture and Natural Resources (16.1)	21										1					1
	30							1								1
	33								4							4
	46			3												3
	53							1								1
	72					7										7
	97		2													2
	109									4						4
	Sub-totals	0	2	3	0	7	0	2	4	4	1	0	0	0	0	23

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Other: Architecture and Environment (16.2)	66					1										1
	108					1										1
	174		2													2
	Sub-totals	0	2	0	0	2	0	0	0	0	0	0	0	0	0	4
Other: Business and Management (16.3)	21										3					3
	30	3	11		1	3		1								19
	30 (LS)	1	1	1												3
	40								1							1
	72					1										1
	73		2			1										3
	85		4													4
	96					1								1		2
	98		1			1										2
	110				1											1
	119		1													1
	157		9													9
	Sub-totals	4	29	1	2	7	0	1	1	0	3	0	0	1	0	49
Other: Communications (16.4)	19					1										1
	21										1					1
	30	1							1		1					3
	30 (LS)		2													2
	33								1							1
	41			12												12
	46			2												2
	55				1											1
	72					2										2
	132		4													4
	146		3													3
	166		1													1
	175		6													6
	Sub-totals	1	16	14	1	3	0	0	2	0	2	0	0	0	0	39

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Other: Computer and Information Services (16.5)	21										1					1
	30					1										1
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		11
	Sub-totals	0	0	0	0	1	0	0	0	0	1	0	0	0	0	13
Other: Education (16.6)	6		1													1
	13													2	2	4
	17			1												1
	21										1					1
	22					10										10
	30	15	2	1		14	19	1	1							53
	30 (LS)		2	2	3					1	1					9
	41			1												1
	50		1													1
	55				1											1
	148	1														1
	152													1		1
	162					1										1
	165				1											1
	Sub-totals	16	6	5	5	25	19	1	1	1	2	0	0	3	2	86
Other: Engineering and Technology (16.7)	30		6							1						7
	66					1										1
	72					1										1
	75			1												1
	94	4	12	13	12	12	12	7	6	4	6	4	5	3	4	104
	103		1													1
	146		4													4
	Sub-totals	4	23	14	12	14	12	7	6	5	6	4	5	3	4	119
Other: Fine and Applied Art (16.8)	21										1					1
	24		3													3
	30	1				12	8				12					33
	30 (LS)	2	3	5	5		2	2	1	1				2		23
	85		17													17

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.)	88		3													3
Other: Fine and Applied Art	89	1	1	2	1	1		1	1	1		2		1	2	14
(16.8)	140		5													5
	Sub-totals	4	32	7	6	13	10	3	2	2	13	2	0	3	2	99
	4	2	96		4	3			23							128
	16												1			1
	21										1					1
	22					3										3
	24		3													3
	27	2	15		2					2	2	10	6	2		41
	28			2												2
	30	4							1							5
	30 (LS)	2	3	2	1		1		1	1	1			1		13
	31		4	1	1		4									10
	38					2										2
Other: Health Professions	53							1								1
(16.10)	85		10													10
	100		1						1					1		3
	106		1			1										2
	108					1										1
	118		13													13
	146		1													1
	148	1														1
	149														5	5
	157		1													1
	176			1												1
	Sub-totals	11	148	6	8	10	5	1	26	3	4	10	7	4	5	248
	21										1					1
Other: Home Economics	23			6												6
and Home Arts	30		2		1			1								4
(16.11)	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		37
	66					2										2
	72					26										26

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Other: Home Economics and Home Arts (16.11)	85		18													18
	90		4													4
	112				5											5
	121		33													33
	147		2													2
	Sub-totals	0	59	6	6	28	0	1	0	0	1	0	0	0	0	138
Other: Languages (16.9)	19					7										7
	21										3					3
	24		4													4
	25	8														8
	30		6	4	1	5			1	3		3				23
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		156
	66					2										2
	72					30										30
	74				2											2
	75			3												3
	76				6											6
	77			7												7
	85		18													18
	121		17													17
	140		6													6
	143							9								9
	146		5													1
	149														1	1
	175		15													15
	Sub-totals	8	71	14	9	44	0	9	1	3	3	3	0	0	1	322
Other: Physical Science (16.15)	21										1					1
	30	1				11		1				1	1		1	16
	50		1													1
	72					24										24
	75			1												1
	76				2											2
	Sub-totals	1	1	1	2	35	0	1	0	0	1	1	1	0	1	45

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Other: Psychology (16.16)	21										1					1
	22					5										5
	23			1												1
	25	3														3
	30	4	3	1		5	5									18
	30 (LS)	1	6	3	1			1	1							13
	43				4											4
	51			2												2
	66					1										1
	72					1										1
	85		1													1
	91		3													3
	103		2													2
	139	1	1	1	1	1										5
	Sub-totals	9	16	8	6	13	5	1	1	0	1	0	0	0	0	60
Other: Public Affairs (16.17)	21										9					9
	22					5										5
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		13
	51			2												2
	58		5													5
	72					20										20
	85		2													2
	124		1													1
	158	1	1		1	1		1	1		1			1		8
	Sub-totals	1	9	2	1	26	0	1	1	0	10	0	0	1	0	65
Other: Technology (16.19)	10				1											1
	16												2			2
	21										3					3
	23			23												23
	24		5													5
	25	2														2
	53							1								1
	56												1			1

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Other: Technology (16.19)	66					2										2
	72					13										13
	85		12													12
	94	2	4	3	1	6	3	2	3	1	3	2	2	1	2	35
	95			5												5
	121		2													2
	129						1									1
	143							3								3
	146		7													7
	Sub-totals	4	30	31	2	21	4	6	3	1	6	2	5	1	2	118
Outdoor Recreation and Physical Education (16.18)	4	181	2134	322	195	605	118	248	324	145	105	286	16			4,679
	9								1							1
	21										2					2
	24		3													3
	25	3														3
	30		3		1	14										18
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		26
	38					1										1
	53							1								1
	72					5										2
	75			1												1
	83													1		1
	85		12													12
	93			5	5	5										15
	103		1									1				2
	143							4								4
	174								2							2
	175		25													25
	176			12												12
	Sub-totals	184	2178	340	201	630	118	253	327	145	107	1	16	1	0	4,813

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	1		4													4
	8		2													2
	9								1							1
	16												12			12
	19					1										1
	21										3					3
	22					5										5
	24		21													21
	25	17														17
	26												1			1
	28			3												3
	29		2													2
	30	2	4	1		5	1					3		1		17
	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		23
	33								1							1
	34													3		3
Painting, Drawing, Sculpture (16.8)	41			1												1
	57								1							1
	66					7										7
	72					17										17
	74				5											5
	75			4												4
	76				34											34
	77			6												6
	78					35										35
	79								6							6
	83													1		1
	85		59													59
	88		8													8
	116		1													1
	121		18													18
	125		1													1
	128		2													2
	140		10													10
	141									1						1

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Painting, Drawing, Sculpture (16.8)	143						6	36								42
	145			2												2
	147		2													2
	149														47	47
	151						14									14
	169								1							1
	175		18													18
	176			15												15
	Sub-totals	19	142	32	39	70	21	36	10	1	3	3	13	5	47	464
Personal/Family Living (16.21)	16												1			1
	21										20					20
	30			2								1				3
	34													15		15
	41			3												3
	46			3												3
	50		1													1
	51			1												1
	66					3										3
	69													1		1
	72					5										5
	75			1												1
	83													1		1
	118		394													394
	144					1										1
	146		3													3
	175		6													6
	Sub-totals	0	404	10	0	9	0	0	0	0	20	1	1	17	0	462
Personnel and Training (16.3)	1		2													2
	10		1			1										2
	21										1					1
	24		3													3
	30		1			4			2			1				8
	46			6												6

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Personnel and Training (16.3)	69													1		1
	72					3										3
	75			1												1
	80					1										1
	85		10													10
	96					1								1		2
	105		1													1
	110				1											1
	121		1													1
	123		2													2
	143							5								5
	146		14													14
	149														2	2
	156				4											4
	157		10													10
	Sub-totals	0	45	7	5	10	0	5	2	0	1	1	0	2	2	80
Pharmacy (16.10)	21										2					2
	30		3													3
	149														1	1
	151						2									2
	Sub-totals	0	3	0	0	0	2	0	0	0	2	0	0	0	1	8
Photography (16.8)	1		2													2
	8		3													3
	16												2			2
	21										2					2
	24		3													3
	25	3														3
	30			1		1								2		4
	72					11										11
	74				3											3
	75			4												4
	76				1											1
	85		4													4

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Photography (16.8)	88		3													3
	103		4													4
	121		10													10
	143							1								1
	145			1												1
	146		1													1
	149														11	11
	151						1									1
	166		1													1
	175		3													3
	176			2												2
	Sub-totals	3	34	8	4	12	1	1	0	0	2	0	2	2	11	80
Physics (16.15)	30		1	3	3	2	1			1						11
	57								1							1
	72					1										1
	75			1												1
	76				5											5
	85		2													2
	128		1													1
	143							6								6
	146		3													3
	Sub-totals	0	7	4	8	3	1	6	1	1	0	0	0	0	0	31
Primary and Secondary Education (16.6)	9								1							1
	14		1		1											2
	24		2													2
	30	5	21	15	2	5	23	15		5	6	4	1	2		104
	41	3														3
	46			3												3
	52						1									1
	57								12							12
	72					43										43
	74				2											2
	75			4												4
	77			21												21

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Primary and Secondary Education (16.6)	81		1													1
	83													1		1
	128		12													12
	151								2							2
	152													1		1
	163					3	1					1				5
	176			1												1
	Sub-totals	8	37	44	5	51	25	15	15	5	6	5	1	4	0	221
Production (16.3)	12													1		1
	15		1													1
	30											1				1
	72					1										1
	110				1											1
	Sub-totals	0	1	0	1	1	0	0	0	0	0	1	0	1	0	5
Psychometrics (16.16)	75			1												1
	Sub-totals	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Public Administration (16.17)	24		1													1
	27	7	59	205	64	23	2	5	41	50	61	14	99	41	17	688
	30					1										1
	146		2													2
	Sub-totals	7	62	205	64	24	2	5	41	50	61	14	99	41	17	692
Public Health (16.10)	23			1												1
	28			1												1
	30			1										1		2
	75			1												1
	105		1													1
	118		4													4
	151						4									4
	171			1												1
	Sub-totals	0	5	5	0	0	4	0	0	0	0	0	0	1	0	15

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	21										1					1
	30					1										1
	75			1												1
Quantitative Methods (16.3)	123		1													1
	143							9								9
	146		3													3
	157		2													2
	Sub-totals	0	6	1	0	1	0	9	0	0	1	0	0	0	0	18
	16												2			2
	21										2					2
	23			3												3
	24		6													6
	30											1			3	4
	32		26	4	5	8										43
	34													8		8
	56												1			1
	66					3										3
	70											1				1
	72					10										10
	74				1											1
Reading (16.4)	75			1												1
	76				12											12
	77			9												9
	79								4							4
	80			1		1										2
	83													1		1
	85		10													10
	121		4													4
	143							22								22
	145			1												1
	146		3													3
	149														3	3
	151						4									4
	154		3													3

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Reading (16.4)	157		3	1										1	1	6
	176			1												1
	Sub-totals	0	55	21	18	22	4	22	4	0	2	2	3	10	7	170
Real Estate and Insurance (16.3)	21										3					3
	23			8												8
	24		7													7
	25	1														1
	30	2	7			7					1	4			1	22
	34													2		2
	57								2							2
	72					12										12
	76				3											3
	77			6												6
	85		15													15
	110				1											1
	121		2													2
	123		5													5
	127		2													2
	142		3													3
	143							6								6
	146		3													3
	149														3	3
	151						2									2
	159				1	1										2
	175		1													1
	Sub-totals	3	45	14	5	20	2	6	2	0	4	4	0	2	4	111
Rehabilitation, General (16.21)	23			3												3
	28			1												1
	153		1													1
	176			3												3
	Sub-totals	0	1	7	0	0	0	0	0	0	0	0	0	0	0	8

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	1		1													1
	3		6													6
	9								1							1
	12													1		1
	15		60							1						61
	21										3					3
	23			35												35
	24		27													27
	25	9														9
	26												1			1
	30		2	1		1	1	1		1		5	1	1		14
	34													2		2
	36													1		1
	56												1			1
	57								5							5
	60									5						5
	66					2										2
	70											1				1
Secretarial Science (16.3)	72					45										45
	74				3											3
	75			1												1
	76				34											34
	77			10												10
	79								10							10
	85		88													88
	96					1								1		2
	110				2											2
	116		11													11
	121		51													51
	122		1													1
	143						51									51
	146		6													6
	148	2														2
	149														1	1
	151						4									4

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.)	157		3	1												4
Secretarial Science	176			1												1
(16.3)	Sub-totals	11	256	49	39	49	5	52	16	7	3	6	3	6	1	503
	16												3			3
	30		24		1	1										28
	42				2											2
	43				1											1
Social Psychology	67											1				1
(16.16)	72					3										3
	75			1												1
	85		1													1
	146		1													1
	175		4													4
	Sub-totals	0	30	1	4	6	0	0	0	0	0	1	3	0	0	45
	30		20	3		9		1				1				34
	38					1										1
	44					1										1
Social Work and Services	75			1												1
(16.17)	86		1													1
	118		10													10
	134				1											1
	Sub-totals	0	31	4	1	11	0	1	0	0	0	1	0	0	0	49
	9								1							1
	13													1	1	2
	30	4	6	12		6	3			2	3	4	1	1		42
	38					1										1
Special Education	50		1													1
(16.6)	57								3							3
	77			3												3
	81		2													2
	93			5	5	5										15
	117												6			6

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
	135					4										4
	139	1	1	1	1	1										5
	152													1		1
(cont.) Special Education (16.6)	163					3										3
	167		2													2
	172		3													3
	176			1												1
	Sub-totals	5	15	22	6	20	3	0	4	2	3	4	7	3	1	95
	3		2													2
	21										1					1
	23			2												2
	30	1	2	2	1	1						3	1		5	16
	42				2											2
	72					30										30
	73		18		4	3				1						26
	75			1												1
	76				11											11
	77			3												3
	79								1							1
	80			1		1										2
Spoken Communication (16.4)	83													1		1
	84			1												1
	85		2													2
	96					1								1		2
	101		1													1
	113				1											1
	121		5													5
	128		1													1
	137							3								3
	139	1	1	1	1	1										5
	140		2													2
	143							8								8
	146		3													3
	151								3							3

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Spoken Communication (16.4)	157		3													3
	166		1													1
	170			3												3
	175		2													2
	176			1												1
	Sub-totals	2	42	15	20	37	0	11	4	1	1	3	1	2	5	144
Supervision (16.3)	1		1													1
	3		2													2
	10		1													1
	16												2			2
	21										1					1
	23			52												52
	24		3													3
	25	1														1
	30		1					1								2
	46			3												3
	72					12										12
	76				12											12
	79								1							1
	80					1										1
	85		11													11
	121		6													6
	143							13								13
	149														2	2
	151						3									3
	157		9	1	2	1	1	1	1		1	1		1	1	20
	Sub-totals	1	34	56	14	14	4	15	2	0	2	1	2	1	3	149
Systems, General (16.5)	23			1												1
	30		2													2
	35		1			1										2
	63	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14
	72					1										1
	85		3													3

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Systems, General (16.5)	143							6								6
	146		8													8
	147		1													1
	151						2									2
	157		2													2
	Sub-totals	1	18	2	1	3	3	7	1	1	1	1	1	1	1	42
Theology (16.20)	2		4													4
	14		1													1
	20					13										13
	27					30										30
	30	2	3			3										8
	37				2											2
	39		1													1
	40								1							1
	41			40												40
	42				1											1
	44					26										26
	45		1													1
	46			12												12
	47												5			5
	48						7									7
	49								12							12
	50		3													3
	51			5												5
	55				1											1
	58		6													6
	59		2													2
	61			10												10
	71		3													3
	72					2										2
	75			1												1
	82		5													5
	83													6		6
	84			2												2

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Theology (16.20)	87		13													13
	114		5													5
	125	1	8	2		7		1	6				1			26
	130		2													2
	132		5													5
	133								20							20
	134				1											1
	135					10										10
	136			5												5
	137							5								5
	138		3													3
	144					8										8
	150		5													5
	153		12													12
	154		3													3
	155			5												5
	156				12											12
	168		1													1
	169								4							4
	170													3		3
	Sub-totals	3	86	82	17	99	7	6	43	0	0	0	6	9	0	358
Transportation (16.3)	28			1												1
	66					2										2
	85		4													4
	110				1											1
	149														1	1
	151						3									3
	159					1										1
	Sub-totals	0	4	1	1	3	3	0	0	0	0	0	0	0	1	13

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
Welding (16.19)	9								1							1
	16												5			5
	18			2												2
	21										5				1	6
	24		12													12
	25	7														7
	30											9				9
	33								2							2
	34													1		1
	57								2				1			3
	60									1						1
	66					4										4
	70											1				1
	72					58										58
	74				2											2
	76				16											16
	85		17													17
	121		13													13
	143							9								9
	146		2													2
	147		2													2
	149														2	2
	151						12									12
	Sub-totals	7	46	2	18	62	12	9	5	1	5	10	6	1	3	187
Written Communication (16.4)	3		1													1
	23			4												4
	24		3													3
	25	2														2
	26												1			1
	30	1		7	2	3					2	8				23
	34													8		8
	46			2												2
	57								1							1
	66					2										2
	72					29										29

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Written Communication (16.4)	74				1											1
	75			1												1
	76				12											12
	77			3												3
	83													1		1
	84			1												1
	85		30													30
	96					1								1		2
	116		1													1
	121		8													8
	139	1	1	1	1	1										5
	143							44								44
	146		6													6
	151								3							3
	157		4	1			1			1					1	8
	166		1													1
	175		2													2
	176			1												1
	Sub-totals	4	57	21	16	36	1	44	4	1	2	8	1	10	1	206
Areas Not Covered Above (Specify)(16.22)																
Subject																
Affective-Experimental Learning	93			5	5	5										15
Anthropology	30		1		1	10										12
Anthropology	30 (LS)			5												5
Archaeology	30 (LS)		1	1					1							3
Bartending	72					5										5
Biology	30					5										5
Community Service, Hosting of Foreign Students & Visitors	172		300													300
Construction	72					52										52
Custodial	72					5										5

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.)																
Areas Not Covered Above																
Subject																
Doman-Delacate Ed	62			1												1
Discussion Groups, Foreign Policy	172		50													50
Economics	30		2			3	2									7
Economics	30 (LS)		6	3												9
English Composition	30	3	13			23	3		1	5		1			1	50
English Literature	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		26
Environmental Pollution	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		7
Environmental Stewardship	41			1												1
Environmental Studies	30 (LS)		9	4	2		1	4	4	2	3			2		31
Ethics	41			2												2
General Studies	121		21													21
Geography	30		4	1			2	1	1							9
Gerontology	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		26
Gerontology	162		1			1										2
History	30	3	2	1		9	13	3		3						34
History	166		5													5
History	30 (LS)								1							1
History	85		3													3
History	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		26
History, Black	90		6	1	1											8
History, Church	41			2												2
Housing for Aged	28			3												3
Humanities	85		1													1
International Affairs	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		9
Journalism	30					4										4
Lectures (Meetings)	172		15													15
Life Planning and Retirement	162					1										1
Literature	30		4	3		2	3	1	2							15
Literature	30 (LS)		3	1		1	1	1								7
Literature	85		22													22

TABLE 2 (cont.)

Generic Course Heading	Agency No. (Appendix K)	DISTRICT 1	2	3	4	5	6	7	8	9	10	11	12	13	14	Total
(cont.) Areas Not Covered Above																
Subject																
Literature	166		4													4
Miscellaneous	21										24					24
Miscellaneous	30						1		1							2
Modern Problems	30		1			2										3
Modern Problems	85		8													8
Mother's Aid	4		7			6										13
Nature Study	120		65													65
Philosophy	30			3												3
Philosophy	30 (LS)		3	1												4
Philosophy	30 (OEB)	-	-	-	-	-	-	-	-	-	-	-	-	-		9
Poetry	66					1										1
Political Science	30					11										11
Political Science	30 (LS)	1	4	6	4		1		5	1	2					24
Race Relations	90		8	2	1											11
Religion	30 (LS)		3		3					1						7
Safety and First Aid	4	49	455	82	56	142	40	53	67	30	46	78	4			1,102
Safety and First Aid	10	1	3	1	3	1	1	1	2	1	1	1	1			17
Seamanship	24		5													5
Seminar for Businessmen	172		2													2
Senior Citizens	44					1										1
Senior Citizens	67											1				1
Senior Handwork	28			3												3
Sociology	30	1	1			20	4			3						29
Sociology	166		4													4
Speech	30		6							2						8
Student Reports	30 (LS)	1	1													2
Travel	11	1														1
Vocational, Other	65		1													1
War/Peace	173					20										20
GRAND TOTALS		647	8,181	2,210	1,766	2,870	611	1,154	1,055	633	790	714	674	597	499	23,066

Note: District totals are minus 665 OEB and correspondence course recordings.

TABLE 3
(Item 16)

RATIO OF CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES AND ALLIED LEARNING OPPORTUNITIES[a] TO SELECTED FACTORS[b] BY DISTRICTS
N = 176 (Agencies)

Districts	No. Crs. to No. Employed (1968)	c	No. Crs. to Total Personal Income ($) (1965)	No. Crs. to Population (1969)
1	1:28	5.3	1:170,000	1:72
2	1:48	3.3	1:316,000	1:110
3	1:36	5.8	1:224,000	1:103
4	1:32	4.7	1:188,000	1:82
5	1:28	5.1	1:177,000	1:73
6	1:43	6.1	1:295,000	1:119
7	1:22	6.6	1:147,000	1:61
8	1:45	6.9	1:272,000	1:123
9	1:23	7.3	1:167,000	1:60
10	1:24	5.4	1:142,000	1:59
11	1:31	5.0	1:194,000	1:79
12	1:37	4.9	1:240,000	1:93
13	1:25	5.0	1:151,000	1:71
14	1:41	4.9	1:149,000	1:65
STaTe	1:36	4.4	1:$232,000	1:90

[a] Exclusive of OEB Telecourses.

[b] Source of Factors: District Facts (1970).

[c] Rate of unemployment, 1968.

PROBLEM

Origin of the Report

This report summarizes a four-month-long investigation of Continuing Education and Community Services in Oregon. The period covered by the report is May 1, 1969, through April 30, 1970. The investigation was brought about by the need among agencies offering Continuing Education and Community Services, legislators, the Educational Coordinating Council, and administrative district adult education councils for further planning information concerning the nature and scope of Continuing Education and Community Services activity.

Previous Reports

By intent, the report is not the complete picture with regard to Continuing Education and Community Services. It was recognized as early as the development of the survey funding proposal that two other publications had recently dealt with the availability of Continuing Education and Community Services in Oregon. One of these, Community Service Manpower in Oregon (McKinlay, 1969), reported available training for community service personnel. The other, Human Resources Directory (Rinehart, 1970), reported the agencies and organizations, in each of the state's fourteen administrative districts, which provide individual and social services. Facsimiles of pages from each of these reports appear in Appendix H.

The first of these two reports had concentrated on a particular class of Continuing Education and Community Services and the second had emphasized noninstructional Community Services. In order therefore to avoid unnecessary duplication of these reports in attempting to respond to a call for further information, the choice was made to limit this study to an investigation of Continuing Education and Community Services courses and allied learning opportunities throughout the state. The combination of the three reports would hopefully enable a comprehensive view of Continuing Education and Community Services available to Oregon citizens.

The most comprehensive study to date of United States adult education is the National Opinion Research Center (NORC) study written by Johnstone and Rivera (1965). Although slightly dated and of only general significance to the present Oregon scene, it is nevertheless worthy of considerable note here if for no other reason than it is the best comparable study available.

The NORC study found along with other findings that approximately 17,160,000 adults were enrolled in approximately 22,650,000 adult education courses in the United States between June, 1961, and June, 1962. This means approximately 15 per cent of the then 114 million adults were engaged in adult education. Ninety per cent of all adult education courses were found to be four or more sessions in length. It was also estimated that, in 1962, 32 per cent of all adult education courses were vocational in nature and 19 per cent were hobby and recreation courses.

The primary method of study was said to be instruction involving some live face contact with an instructor. This type accounted for about 91 per cent of all instruction, correspondence study accounted for 8 per cent, and educational television and other methods for about 2 per cent. Churches and synagogues were reported to have accounted for 21 per cent of all adult education enrollments, colleges and universities for 21 per cent, community organizations for 15 per cent, and businesses, private schools, and governmental agencies for about 43 per cent, in 1962. Noncredit adult education courses occur at a ratio of about 5 to 1 of degree credit adult education courses, according to the same NORC study.

The study further reported that equal numbers of men and women participate in adult education courses, although women tend toward noncredit courses and men more toward credit courses. The majority (57 per cent) of all participants are said to be under the age of forty. Of all participants, 43 per cent hold jobs in white-collar occupations and it was estimated that in 1962 the average adult education participant had gone to school for 12.2 years, compared with 11.5 years for adults in general. And finally, the study revealed that the three West Coast states make up 14 per cent of the population (1962) but represent 20 per cent of adult education participation.[1]

The Challenge

After a general aim for the investigation was realized, the primary problem soon became one of how to communicate with and obtain valid and reliable information from as diffuse and uncoordinated a population as Continuing Education and Community Services agencies.

Two things seemed apparent. Considerable effort would have to be put forth to design a communicative and yet flexible survey instrument, and an attempt would also have to be made to reach all possible Continuing Education and Community Services agencies in the state if the results of the investigation were to be at all useful.

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[1] It should be remembered in interpreting the NORC findings that the study was conducted prior to the great influx of social legislation of the mid-1960's which enabled many poorer, older and less well educated adults to participate in educative adult activities.

PROCEDURE

Limitations

Before work on a survey instrument or a list of prospective respondents could be started, the matter of investigation (survey) parameters needed to be examined.

It was decided that it was not necessary to include business, industrial, school and other institutional inservice Continuing Education and Community Services work, since the concern of the investigation was for information which would aid in the planning of Continuing Education and Community Services available to the public.

Course offerings by trade and professional associations and societies at first appeared unworthy of inclusion, but these were later accepted, though admittedly with some reservations. It simply seemed, after the practices of several different associations had been reviewed, that these types of offerings are probably more appropriately classified as public rather than as private course offerings.

Though the problem of what to include in the study in the way of nonschool agency courses was a difficult one, the problem of which school, college, and university courses and related activities to exclude was more difficult. The investigator was bemused by the fact that most of these types of agencies rarely if ever record or otherwise identify their course offerings according to learner reasons for enrolling in them, which is perhaps the only true way of determining whether a course from any agency is a Continuing Education course or not. There was not much question about what kinds of nondegree credit courses to exclude. However, gaining uniformity of reporting for the many credit courses having enrollments primarily for their Continuing Education value, rather than for the reason they are credit courses to be applied toward a degree, was a different matter. Consequently, a decision flow-chart was developed for use in deciding which courses of an agency to exclude from the investigation, as well as to help determine which agencies to include (Appendix C).

In addition to setting certain course activity limitations, two further parameters were set. A time interval was chosen for the survey of May 1, 1969, through April 30, 1970, to conform with the schedules of both school and nonschool agencies. Any qualified course beginning or ending during this period was to be included in the survey. And finally, a tabulation unit was adopted. The administrative district (Appendix E) was chosen in favor of the county in deference to a standing request by Governor McCall that the results of any statewide survey be reported by administrative districts rather than by counties or other subdivisions.

Critical Path Scheduling

In the process of developing the survey funding proposal it was seen that there would be a number of activities connected with the investigation, as well as with the actual survey itself, and that many of these might be carried out simultaneously. A Critical Path Schedule (CPS) was therefore determined to facilitate managing of the investigation (Appendix B).

Agency Selection

To begin, a total of 16 categories of Continuing Education and Community Services agencies were identified. This was accomplished with the aid of the *Handbook of Adult Education of the United States* (Knowles, 1960) and minutes from a committee meeting which contained a listing of types of agencies in Oregon offering Continuing Education and Community Services (1967), developed by the Continuing Education and Community Services Committee of the Educational Coordinating Council The range of 16 categories extended from labor unions and recreation bureaus to churches and universities. This initial list of categories subsequently appeared in the survey questionnaire as item 6 (Appendix D). The list was later modified, however, to permit more appropriate grouping and reporting of agencies (Appendix G).

Using the 16 categories as a guide, a search was made of all obtainable telephone, civic, private agency, local, county and state directories and rosters for agencies which might have offered Continuing Education and Community Services courses during the period in question.

Several assistants were required in compiling and reviewing the list of possible Continuing Education and Community Services agencies to receive the questionnaire. Assistants were instructed to call those agencies about which they were in doubt as to whether to send a questionnaire, and if unable to reach a doubtful agency they were to add the name to the mailing list anyway. Hence, the final roll of prospective Continuing Education and Community Services agencies would purposely be an over- rather than an underestimation. After the list was checked for duplications and omissions, each agency was assigned a four-digit category number and four copies of the list were reproduced for follow-up mailings and other uses. The final list contained a total of 1,032 agency names and addresses, including a dozen or two names which were added later on through questionnaire item 7 (Appendix D). The resulting number of agencies identified within each of the 16 categories appears in Appendix G.

Instrumentation

Conversations were first held with selected adult education personnel from throughout the state to ascertain what type of Continuing Education and Community Service agency information would be of most value. The consensus was in favor of finding out who is doing what where, and how much of it are they doing. It was pointed out by these educators that there were no existing means for obtaining the kind of information needed other than personal contacts among program directors and interagency exchanges of course offering announcements, and most of the educators agreed these were inconsistent means at best and that they were time consuming and often costly.

Additionally, these adult educators felt that some information about budgets, fees, outside support and enrollments would be of interest as would knowledge about the age, sex, educational level and, possibly, socioeconomic status of registrants of different types of agencies.

Based on these and other inputs, two prototype questionnaires were developed and tested. The revised questionnaire used in the survey appears in Appendix D. The primary source used in preparing the scaled portions of the questionnaire was Kerlinger (1964).

Clearly the most difficult part of the questionnaire to develop was the definitional part. The difficulty encountered was to have been expected, however, as lack of uniform terminology and standard practice remains one of the fundamental weaknesses in the general field of adult education, although Continuing Education and Community Services agencies may actually be somewhat ahead of most other adult education agencies in this regard. A thorough exploration of the terms Continuing Education and Community Services is provided in Appendix A.

Establishing generic course headings (item 16, Appendix D) also presented certain problems. Generic headings were selected instead of exact course titles for reasons of reporting efficiency and simplicity. The final version of item 16 turned out to be a modification of the WICHE taxonomy of instructional programs in higher education Section I: Conventional academic subdivision of knowledge and training, and Section II: Technological and occupational curricula leading to associate degrees and other awards below the baccalaureate.

Survey Implementation

Using a Critical Path Scheduling (CPS) chart (Appendix B) proved especially helpful during the early stages of the survey. Essentially the chart enabled better activity coordination and provided for improved communication among those working on the project. What follows is a brief summary of the CPS steps pertaining to the implementation of the survey portion of the investigation.

Approximately 960 questionnaires were initially number coded and mailed. About fifteen to twenty days later, a second questionnaire was mailed, bearing a duplicate code number, along with an IBM reminder card (Appendix I) to all agencies which had not yet responded to the first mailing. About ten days past the second mailing, all agencies which had still not been heard from were contacted by telephone. Callers were instructed to ask: (1) Did you recently receive a Continuing Education and Community Services questionnaire, and (2) Does your agency offer Continuing Education and Community Services as described in the questionnaire? Based on its responses to these two questions, an agency would be sent a third questionnaire, be removed to the excluded agencies list (see Appendix C), or be interviewed by phone or in person. Occasionally an agency on receiving a reminder call would be prompted to complete and return its questionnaire without further follow-up.

Church and church association information collection was subcontracted to the research office of the Oregon Council of Churches. This proved a most useful means for contacting churches and church-related agencies.

As questionnaires were received they were checked for accuracy and completeness. Numerous calls on agencies were required to supply omitted and incomplete information. After a returned questionnaire had been thoroughly checked, the information was transferred to IBM data sheets and later punched onto standard data processing cards. Several computer programs were utilized and considerable storage area was required to process the data with an IBM 1130 at the Portland State University computer center.

About three-fourths of the way through information collection it came to light that additional financial information would be useful. A supplemental questionnaire (Appendix F) was thus designed and sent to agencies known by then to be conducting Continuing Education and Community Services courses and allied learning opportunities. Return envelopes were provided with all mailings and a copy of a district map of Oregon (Appendix E) accompanied all questionnaires.

Evaluation Procedures

Partially to satisfy funding requirements laid down by the granting agency (Educational Coordinating Council under Title I, HEA of 1965) and partially to provide behavioral goals for those working on the project, a series of objectives was set forth in the written survey funding proposal:

1. At least a 75 per cent return of completed questionnaires from all prospective and queried Continuing Education and Community Services agencies within 60 days of the first mailing.

   Note: 75% return = project successful
   60-74% return = project moderately successful
   45-59% return = project minimally successful
   below 44% return = project unsuccessful and overall results of little or no value

2. A questionnaire must be at least 75 per cent complete to be counted.
3. Each item of the questionnaire is to receive an aggregate response of at least 75 per cent by agencies returning completed questionnaires.
4. A final report containing the results of the survey, the procedures used, and recommendations for future such surveys be made available to the Educational Coordinating Council, participating agencies and others upon request—within eight months of the starting date of the investigation.

Evaluation was to then be accomplished by determining to what extent each stated project performance objective had been met.

RESULTS

Course Offerings (Item 16 of Questionnaire, Appendix D)

For convenience in using this report as both a directory and a research source, the responses to item 16 of the survey questionnaire, which asked essentially what types of courses were offered in which administrative district and by what agencies, have been placed in the foregoing blue and yellow sections.

General Response

Appendix G is an analysis of how agencies in each of the 16 agency categories responded to the questionnaire. A summary of Appendix G is provided in Table 4. As social science, business and educational investigators will attest, a response of 77.8 per cent to a survey questionnaire of any length or description is considered quite satisfactory. The unusually high response here can only be attributed to persistence in reaching as many of the prospective agencies as possible within the time period allocated, which was finally extended from the original 60 days to almost 100 days.

As Table 4 indicates, 176 agencies operating in Oregon were identified as Continuing Education and Community Services agencies and it is the agency reported Continuing Education and Community Services activities of these agencies which constitute this report. A complete alphabetical list of the 176 agencies is contained in Appendix K.[1]

TABLE 4

HOW PROSPECTIVE OREGON CONTINUING EDUCATION AND COMMUNITY SERVICES AGENCIES RESPONDED TO THE QUESTIONNAIRE

N = 1,032

Status	Number (N)	Percentage of Total	Percentage Responding to Questionnaire
Agencies answering Questionnaire Item 5 "Yes"	176	17.0%	77.8%[a]
Agencies answering Questionnaire Item 5 "No"	628	60.8%	
Agencies not heard from and unable to be reached	228	22.2%	
Total Agencies Receiving Questionnaire	1,032	(100%)	

[a] Comprises initial mailed return of 41.0% and phone and personal interview response of 36.8%.

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[1] A list of the 628 agencies responding "No" and reclassified as such is available on request by writing the Division of Continuing Education.

TABLE 5

PERCENTAGE EACH AGENCY CATEGORY REPRESENTS OF THE TOTAL NUMBER OF CONTINUING EDUCATION AND COMMUNITY SERVICES AGENCIES OFFERING COURSES AND ALLIED LEARNING OPPORTUNITIES TO OREGON CITIZENS

N = 176

Report Code	Category	Number Agencies	Percentage of Total
A	Business and Industry	2	1.14
B	Community Colleges	12	6.82
C	Cooperative Extension Service	1	.56
D	Division of Continuing Education	1	.56
E	Government Agencies	5	2.84
F	Independent Colleges and Universities[a]	6	3.41
G	Museums and Art Institutions	7	3.98
H	Professional and Trade Associations	13	7.38
I	Proprietary Schools	15	8.53
J	Public Colleges and Universities[a]	15	8.53
K	Public School Districts	26	14.77
L	Religious Institutions	46	26.13
M	Social Service Groups	12	6.82
N	Voluntary Associations (General)	7	3.98
O	Voluntary Health Organizations	3	1.71
P	Miscellaneous Agencies	5	2.84
	Totals	176	100%

[a] Departments and divisions within major schools counted as individual agencies.

Minimum difficulty was encountered as far as the clerical aspects of the survey were concerned. However, questionnaire difficulties more than made up for other smoothnesses. Generally though, the larger and more established the Continuing Education and Community Services agency, the less the difficulty in completing the questionnaire. In spite of sincere efforts to provide clear and concise definitions and instructions, many agencies found the language of the questionnaire quite confusing. Many agencies thought the scope of the questionnaire too limited. It did not, in their opinion, cover the full range of Community Services (which it was not intended to do) nor did it include questions dealing with the quality of the offerings they were asked to report. Almost no agency complained that credit courses were not asked for separately from noncredit or that course length was not taken into account. A more complete accounting of how responding agencies viewed the survey instruments and the survey as a whole occurs later in this section under Responses to items 17 through 20.

Responses to Questionnaire Items 6 through 15

Item 6. (Agency Categories) Circle the category which best describes your agency or the place in which it functions.

The responses to this question are tabulated in Table 5, which observes the revised categories of Appendix G. As with nearly all tables and figures in the report, the data in Table 5 belong to the 176 agencies responding "Yes" to item number 5 (Appendix D).

Item 7. (Referrals) To help us identify all possible Oregon Continuing Education and Community Service agencies, please provide the name and address or phone number of two nonschool agencies that started offering such services in your area within the last three years.

No tabled results are permitted for item 7, as an accurate record of the responses was not maintained. It is estimated, however, that only about thirty agency names were supplied in response to this item and most of the agencies had already been identified by the investigation team through other means.

Item 8. (Instructional Methods) What would you estimate to be the amount of use your agency makes of the following instructional methods and techniques? (Express in percentages)

TABLE 6

PERCENTAGE OF USE MADE OF DIFFERENT INSTRUCTIONAL METHODS BY CONTINUING EDUCATION AND COMMUNITY SERVICES AGENCIES

N = 176

Instructional Method	$(\bar{X})^a$	Sd [b]
Face-to-face instruction (lecture, discussion group, field trip, hands-on experiences, etc.)	86.91	21.7
Telecommunication (TV, videotape, radio, computer terminal, etc.)	3.84	10.2
Independent study (correspondence, programed learning, etc.)	7.00	16.5
Others (specify)	2.25	10.9
	100%	

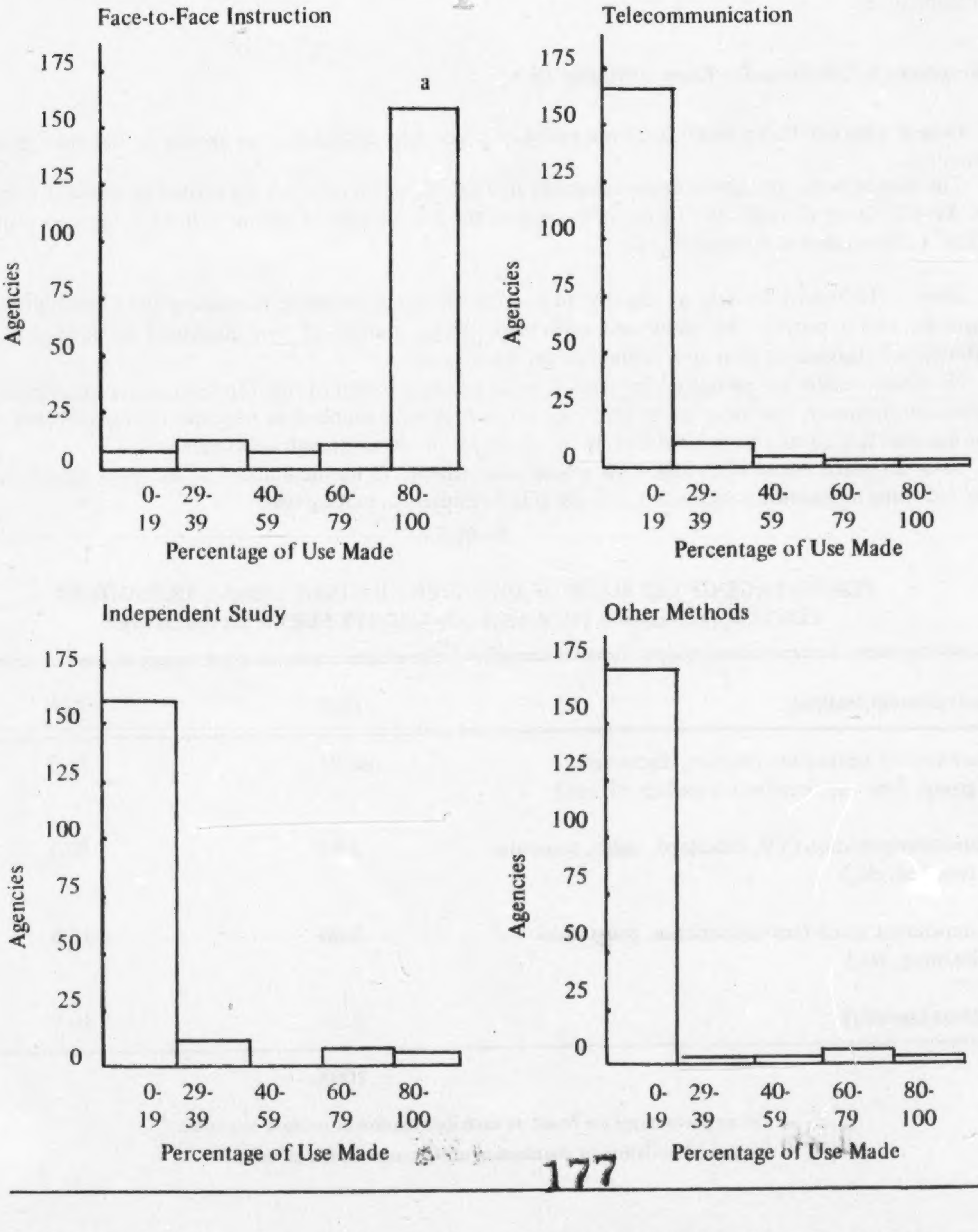
[a] Mean percentages are based on each distribution of method responses.

[b] Standard deviation of distribution of responses within methods.

FIGURE 1
(Item 8)

NUMBER OF AGENCIES REPORTING DIFFERENT PERCENTAGES OF USE MADE OF ALTERNATIVE INSTRUCTIONAL METHODS

N = 176



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[a] Interpretation: These many agencies reported they used face-to-face instruction 80% or more of the time.

Table 6 reveals how Continuing Education and Community Services agencies responded to item 8 in terms of the four choices offered by the item. Agencies were to indicate the percentage of the time they use face-to-face instruction, telecommunications, independent study or other methods and means.

Whether and to what degree the method of face-to-face instruction might receive departure under different conditions can be more easily analyzed if numerical values are assigned to each method: Face-to-face instruction 1.0, Telecommunications 2.0, Independent study 3.0, and Other methods 4.0. Thus Figure 2 is able to show the degree to which alternatives to face-to-face instruction are used across administrative districts, across agency categories and by predominant subject matter offerings of agencies.

FIGURE 2
(Item 8)

DEGREE OF DEPARTURE FROM THE METHOD OF FACE-TO-FACE INSTRUCTION IN RELATION TO ADMINISTRATIVE DISTRICT, AGENCY CATEGORY, AND SUBJECT MATTER

N = 175

Administrative District

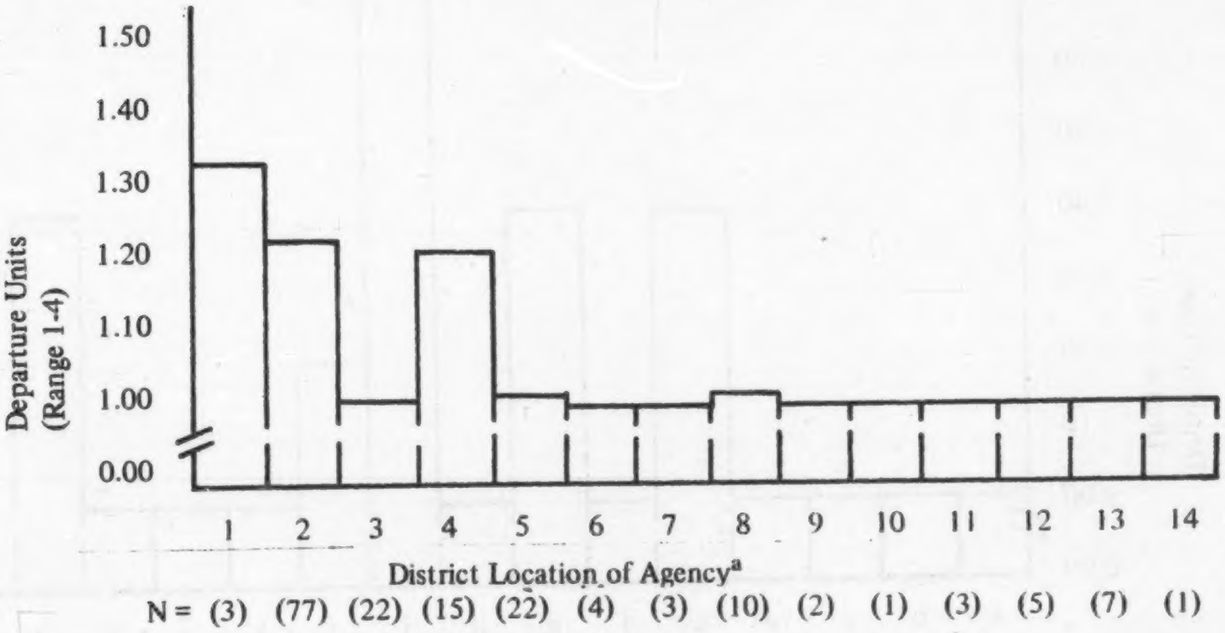


FIGURE 2 (cont.)

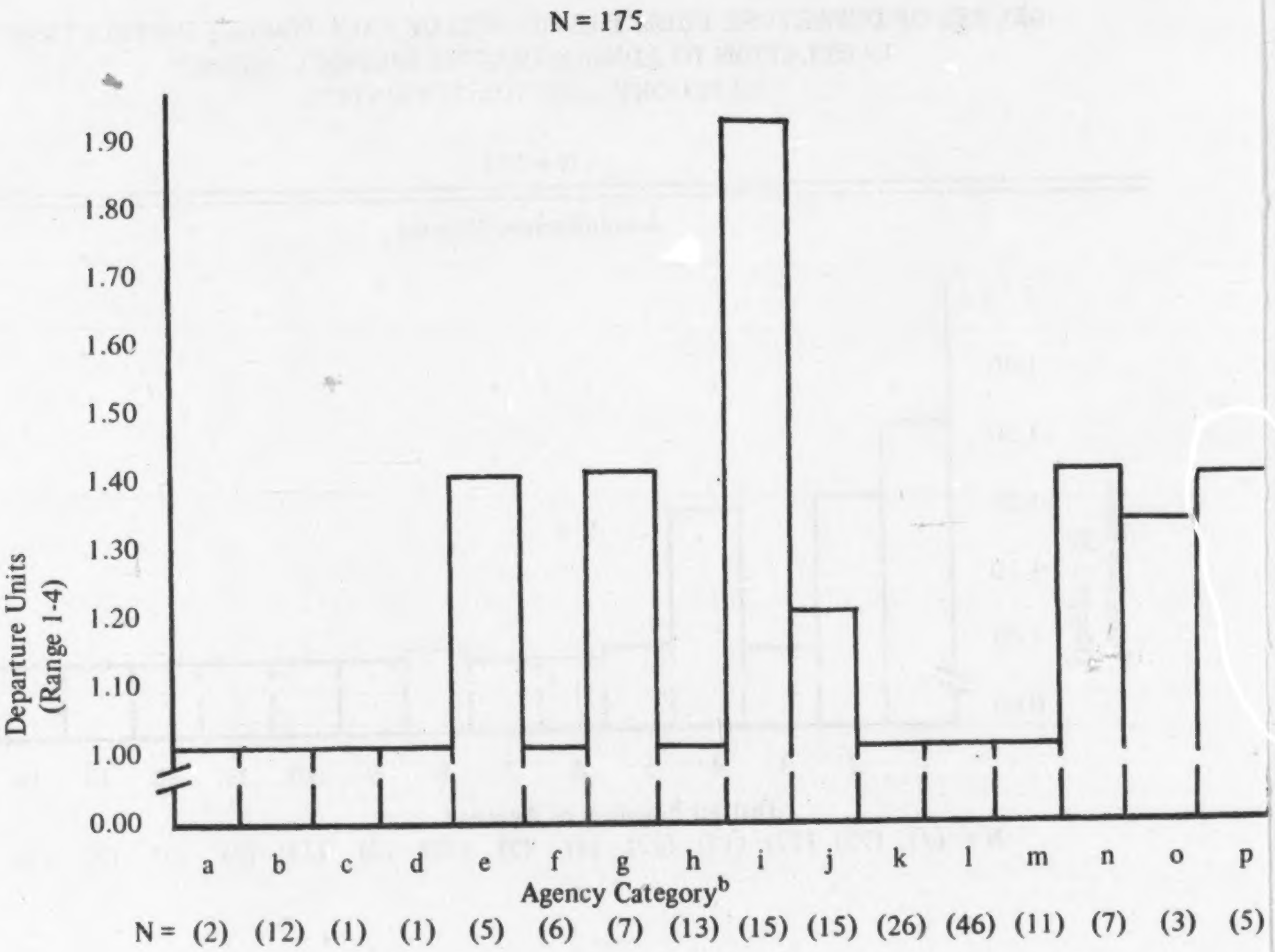
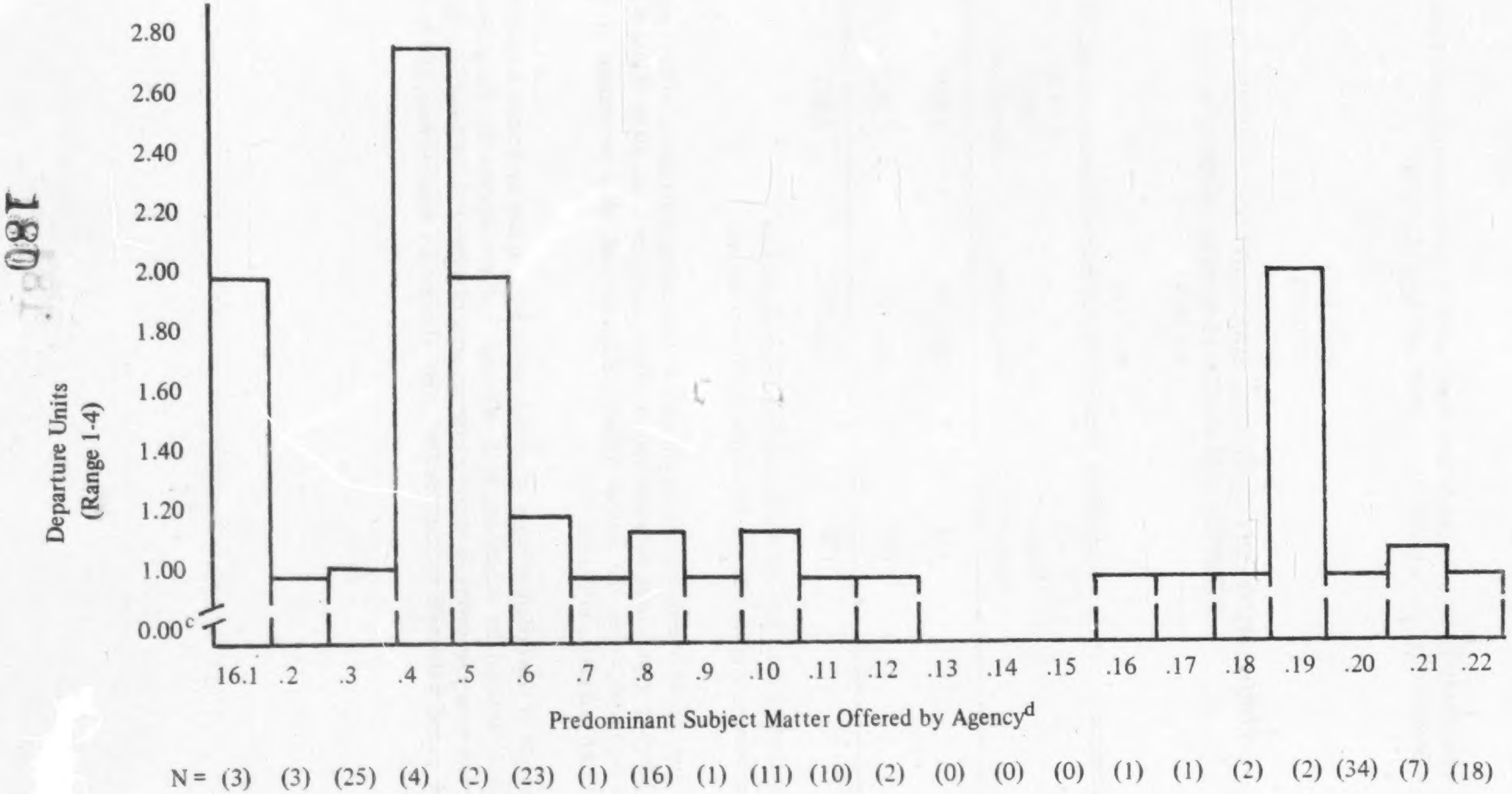


FIGURE 2 (cont.)

N = 166



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[a] See Appendix E for location of administrative districts.

[b] See Table 4 or Appendix G for categories.

[c] No predominant offerings reported.

[d] See Appendix D for decimal interpretations.

Item 9. (Enrollments) Approximately how many adult students attended your Continuing Education and Community Services offerings between May 1, 1969, and April 30, 1970?

TABLE 7
(Item 9)

ENROLLMENTS IN CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES AND ALLIED LEARNING OPPORTUNITIES BY SEX

N = 176

Sex	Number Agencies[a]	Enrollments	Average Agency Enrollment	Percentage Total Enrollment
Men	175	286,769	1,639	56.33
Women	166	222,127	2,892	43.67
M and W	176	508,896[b]	2,892	100%

[a] Number agencies reporting male and number reporting female enrollments.

[b] Number enrollments in public offerings, not number of different students.

Table 7 provides an overall view of enrollments in Continuing Education and Community Services courses and allied learning experiences between May 1, 1969, and April 30, 1970. Table 8 describes how these enrollments occurred within the various agency categories and what percentage of the total number of enrollments each category contributed.

An estimation of the different types of courses taken by men and by women is contained in Figure 3. The estimation was obtained by examining both offerings and enrollments for the predominant subject area offering of each agency reporting an across course majority of either male or female enrollments.

Figures 4, 5, and 6 describe the distribution of enrollments for men, women, and both sexes respectively across agencies.

TABLE 8
(Item 9)

ENROLLMENTS IN CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES AND ALLIED LEARNING OPPORTUNITIES AMONG AGENCY CATEGORIES BY SEX

N = 176

Report Code	Category	N[a]	Enrollments			
			Men	Women	M and W	Percentage[b]
A	Business and Industry	2	4,958	3,574	8,532	1.68
B	Community Colleges	12	33,071	34,031	67,102	13.18
C	Cooperative Extension Service	1	139,275	46,088	185,363	36.42
D	Division of Continuing Education	1	14,887	34,744	49,631	9.75
E	Government Agencies	5	8,330	1,073	9,403	1.85
F	Independent Colleges and Universities	6	1,176	1,077	2,253	.4
G	Museums and Art Institutions	7	1,132	1,925	3,057	.60
H	Professional and Trade Associations	13	5,960	1,718	7,678	1.51
I	Proprietary Schools	15	3,732	1,369	5,101	1.00
J	Public Colleges and Universities	15	11,582	3,552	15,134	2.97
K	Public School Districts	26	3,872	5,623	9,495	1.87
L	Religious Institutions	46	8,510	5,815	14,325	2.82
M	Social Service Groups	12	42,301	73,162	115,463	22.68
N	Voluntary Associations (General)	7	3,031	3,148	6,179	1.22
O	Voluntary Health Organizations	3	320	475	795	.16
P	Miscellaneous Agencies	5	4,632	4,753	9,385	1.85
	Totals	176	286,769	222,127	508,896	100.00%

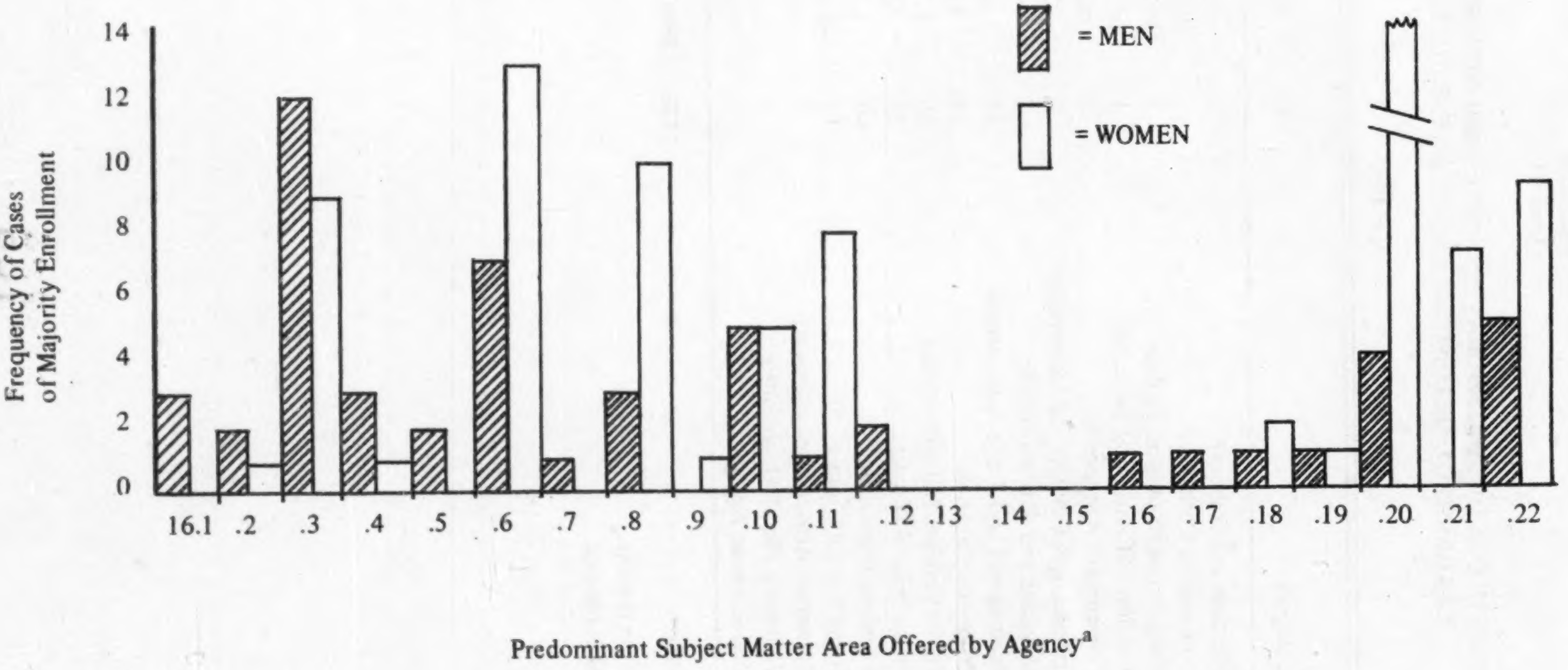
[a] Number agencies in category.

[b] Percentage of M and W total.

FIGURE 3
(Item 9)

THE CONTRAST IN PARTICIPATION IN DIFFERENT CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES AND ALLIED LEARNING OPPORTUNITIES BY SEX

N = 146



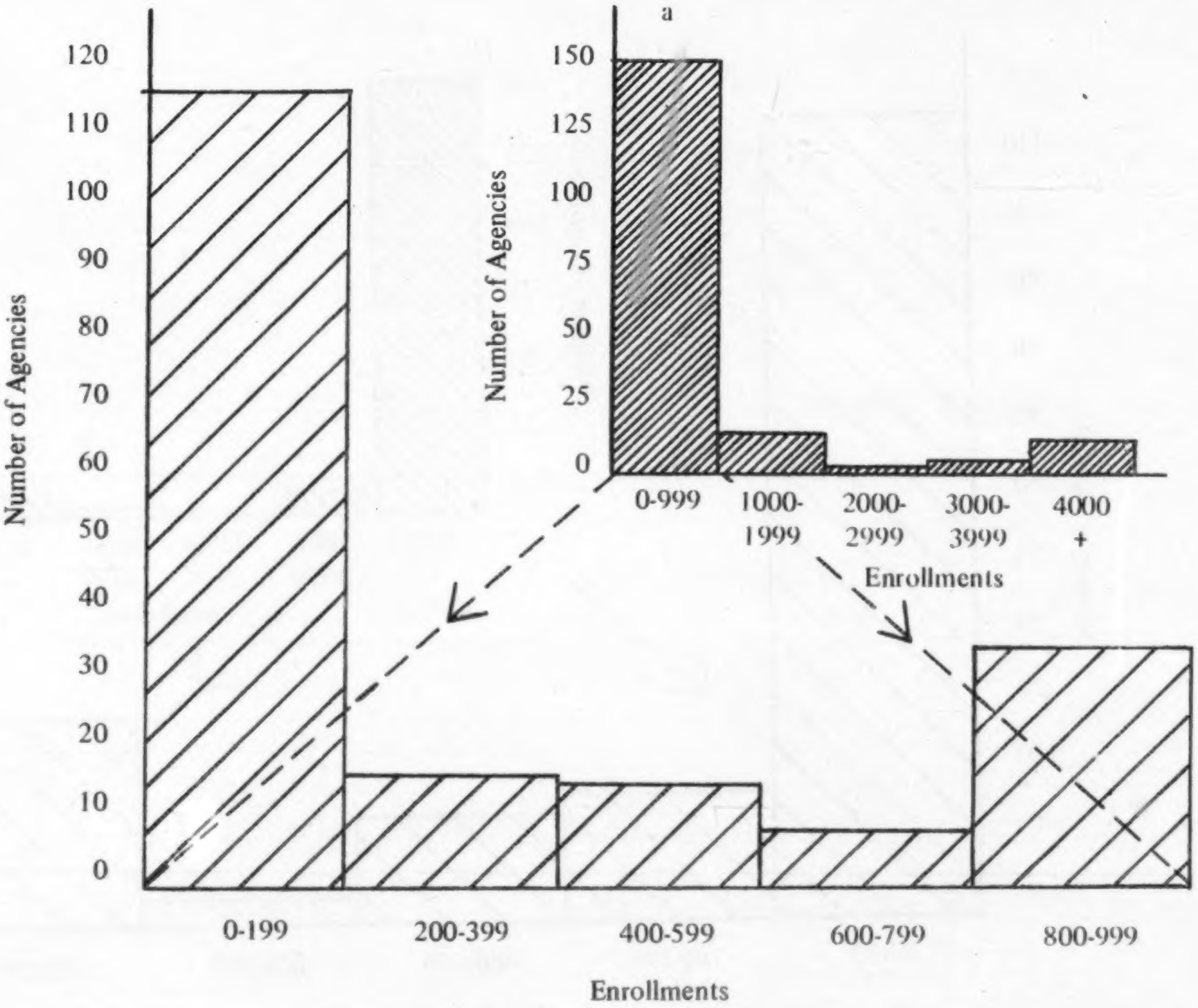
[a]See Appendix D for decimal interpretations.

NOTE: Some agencies reported no majority M/W enrollment or predominant subject offering.

FIGURE 4
(Item 9)

DISTRIBUTION OF MALE ENROLLMENTS FOR CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES AND ALLIED LEARNING OPPORTUNITIES ACROSS AGENCIES

N = 176



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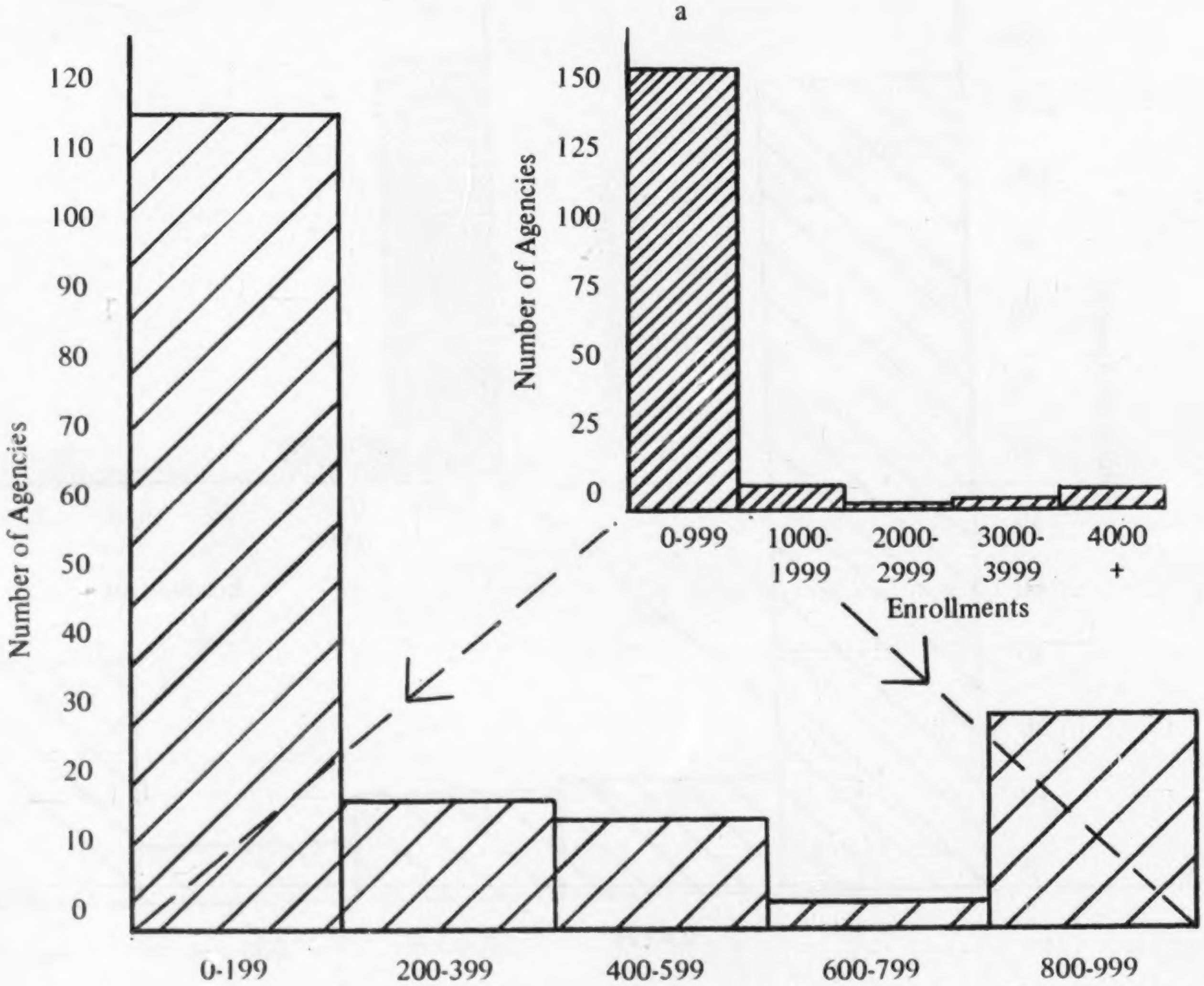
[a] Interpretation: These many agencies reported from 0 to 999 Male enrollments in their course offerings.

FIGURE 5

(Item 9)

DISTRIBUTION OF FEMALE ENROLLMENTS FOR CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES AND ALLIED LEARNING OPPORTUNITIES ACROSS AGENCIES

N = 176



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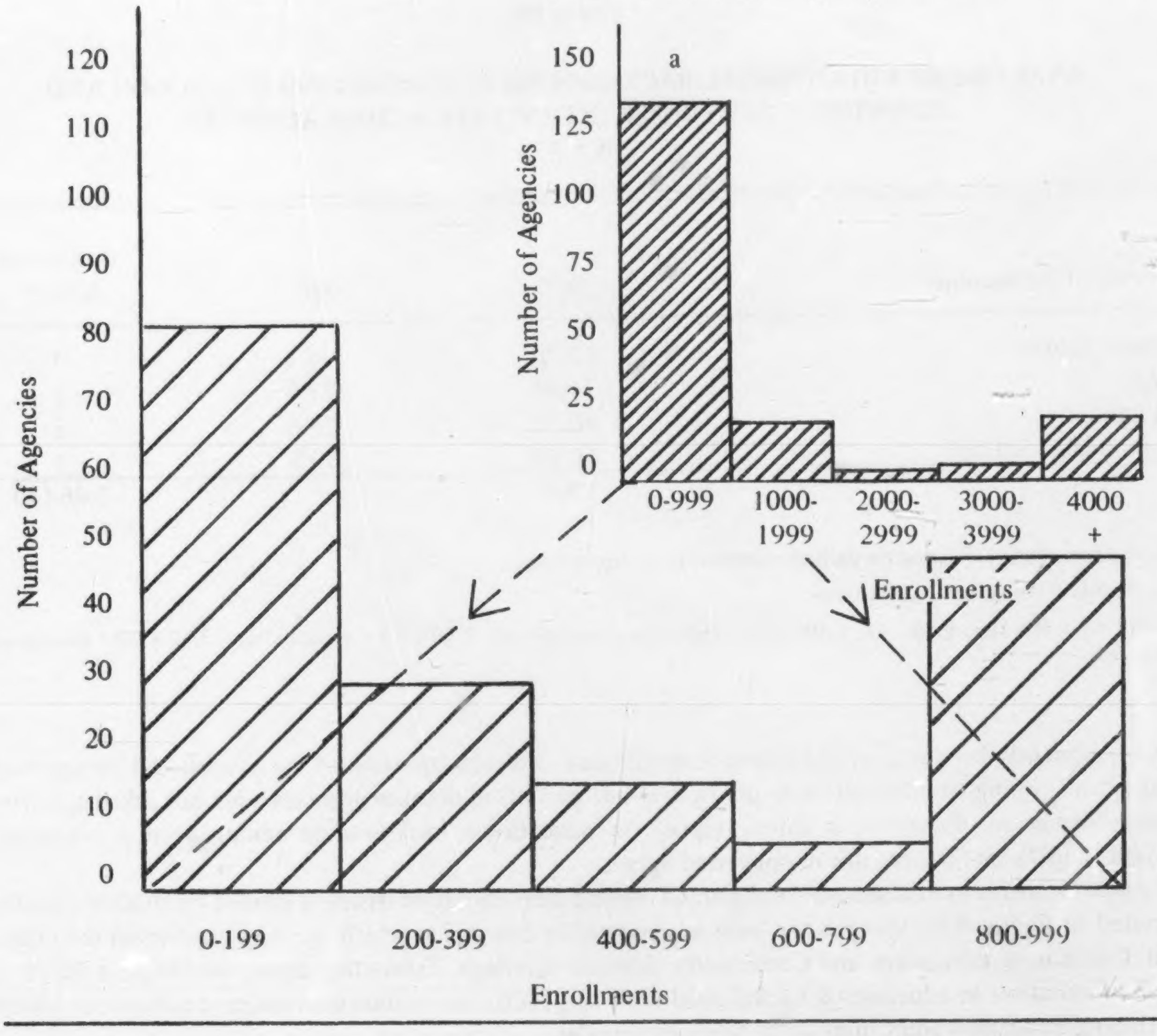
[a] Interpretation: These many agencies reported from 0-999 Female enrollments in their course offerings.

FIGURE 6
(Item 9)

DISTRIBUTION OF ENROLLMENTS FOR CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES AND ALLIED LEARNING OPPORTUNITIES ACROSS AGENCIES

N = 176

(Men and Women)



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[a] Interpretation: These many agencies reported from 0-999 Male and Female enrollments in their course offerings.

Item 10. (Educational Background) What is the actual or estimated educational background of the students who attend your Continuing Education and Community Services offerings? (Express in percentages.)

Table 9 reports the mean and standard deviation of each distribution of agency responses to the four categories in Item 10, which permits an overall analysis of the educational composition of Continuing Education and Community Services participants. Converted values are to be interpreted much like grade point averages (GPAs).

TABLE 9
(Item 10)

ANALYSIS OF EDUCATIONAL BACKGROUND OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS ACROSS AGENCIES
N = 173

Educational Background	$(\bar{X})$[a]	Sd[b]	Converted Value[c]
Graduate School	13.76	24.3	4
College	34.44	27.0	3
High School	40.61	28.8	2
Less than High School	11.19	19.5	1
	100%		2.46 $(\bar{X})$

[a] Mean percentages are based on each educational level distribution.

[b] See Figure 9 for actual distributions.

[c] 1.00-1.49 = less than grade 12; 1.50-2.49 = high school completed; 2.50-3.49 = some college; 3.50-4.00 = some graduate school.

As has frequently been and will continue to be the case, a direct reporting of the educational background of participants according to administrative districts is not permitted because agencies were not asked specifically for the information. However, a direct report on educational backgrounds among agency categories is permissible, and Table 10 gives this in converted values.

Although variation in educational background among administrative districts cannot be studied directly, it is estimated in Figure 8 by using as the basis administrative districts in which agencies conducted the majority of their Continuing Education and Community Services offerings. Estimating again, we obtain a measure in Figure 7 of variation in educational background with respect to the various predominant sub-matter offerings of Continuing Education and Community Services agencies.

Agencies were also asked in Item 10 to indicate whether their answers were based on actual records or were only estimates. By using a value of 1 for actual and 2 for estimated answers, a mean response for this part of Item 10 of 1.95 is obtained, meaning practically every agency had to estimate its answers to the item.

The distributions of combined agency estimates for each level of educational background represented in their programs are presented in Figure 9.

TABLE 10
(Item 10)

ESTIMATED EDUCATIONAL BACKGROUNDS IN CONVERTED VALUES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS AMONG AGENCY CATEGORIES
N = 173

Report Code	Category	N[a]	Educational Background[b]
A	Business and Industry	1	2.00
B	Community Colleges	12	2.00
C	Cooperative Extension Services	1	2.00
D	Division of Continuing Education	1	3.00
E	Government Agencies	5	2.60
F	Independent Colleges and Universities	6	2.66
G	Museums and Art Institutions	7	2.85
H	Professional and Trade Associations	13	2.69
I	Proprietary Schools	15	2.20
J	Public Colleges and Universities	15	3.06
K	Public School Districts	25	2.12
L	Religious Institutions	46	2.54
M	Social Service Groups	11	1.81
N	Voluntary Associations (General)	7	2.42
O	Voluntary Health Organizations	3	3.66
P	Miscellaneous Agencies	5	2.60
	Total Sample	173	2.46 ($\bar{X}$)

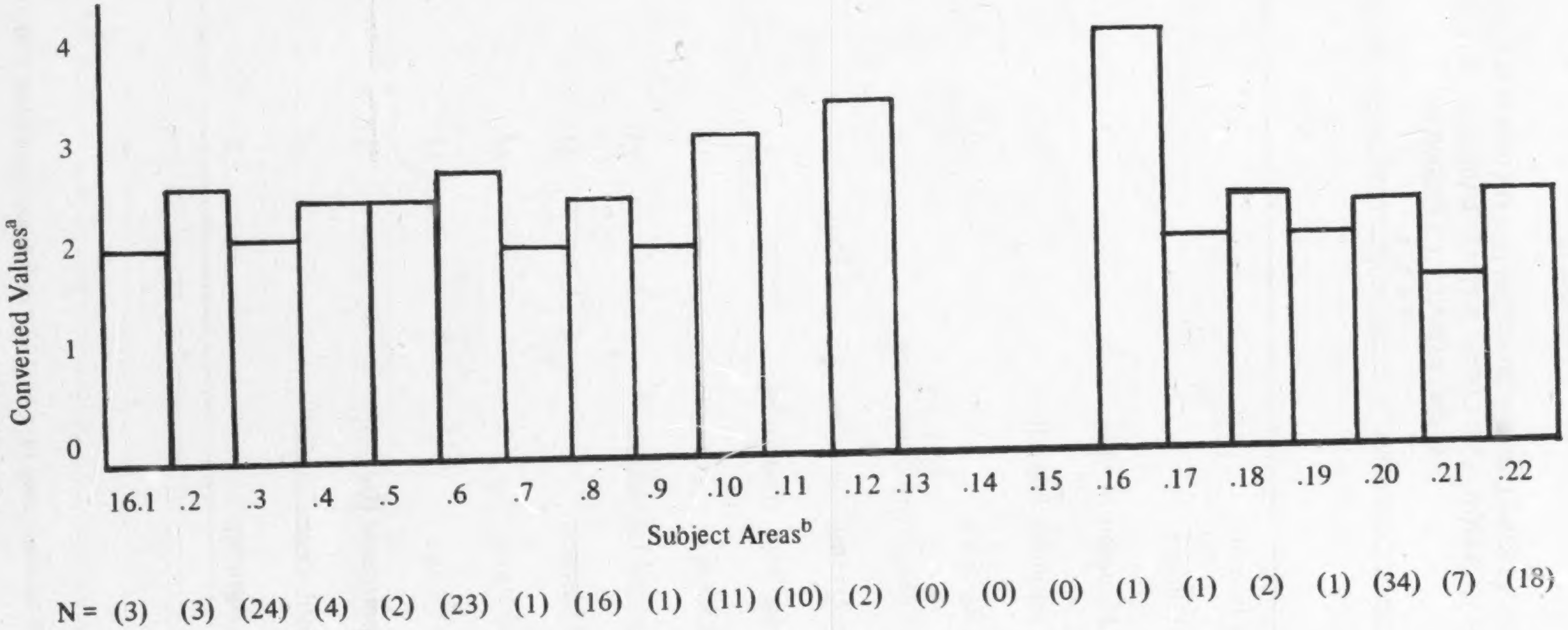
[a] Number agencies in category.

[b] Converted values: 1.00-1.49 = less than grade 12; 1.50-2.49 = high school completed; 2.50-3.49 = some college; 3.50-4.00 = some graduate training.

FIGURE 7
(Item 10)

ESTIMATED EDUCATIONAL BACKGROUNDS IN CONVERTED VALUES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS BY SUBJECTS STUDIED: AS JUDGED BY PREDOMINANT OFFERINGS OF AGENCIES

N = 164



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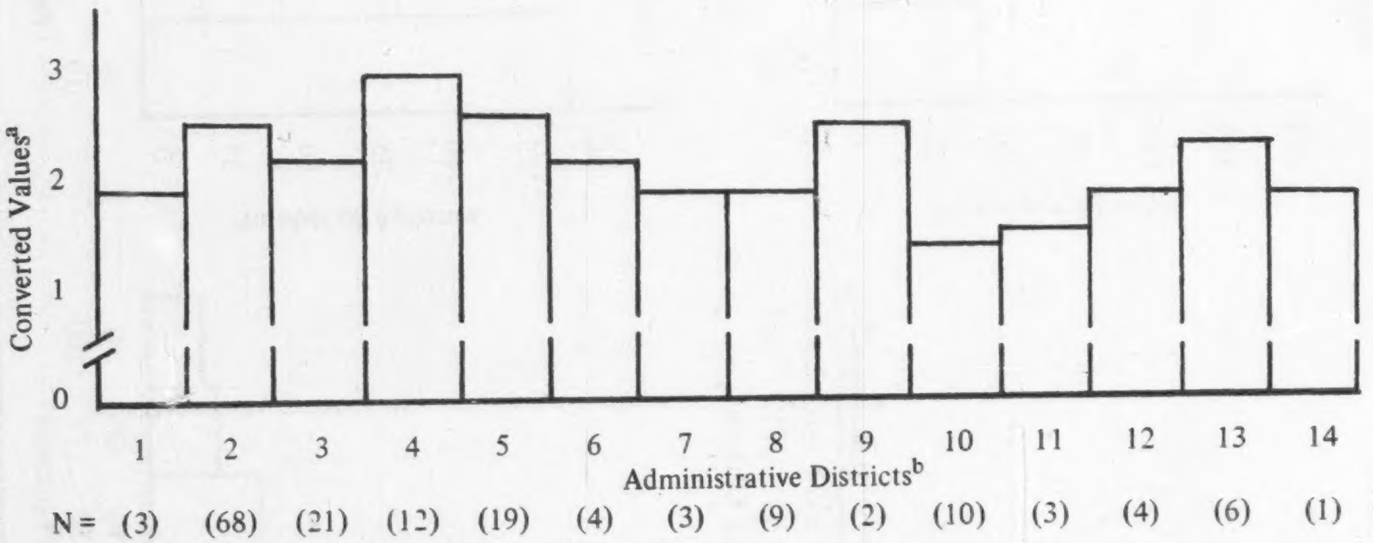
[a] See Table 9.

[b] See Appendix D for decimal interpretations.

FIGURE 8
(Item 10)

ESTIMATED EDUCATIONAL BACKGROUNDS IN CONVERTED VALUES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS BY ADMINISTRATIVE DISTRICTS: AS JUDGED BY WHERE AGENCIES CONDUCTED MAJORITY OF OFFERINGS

N = 157



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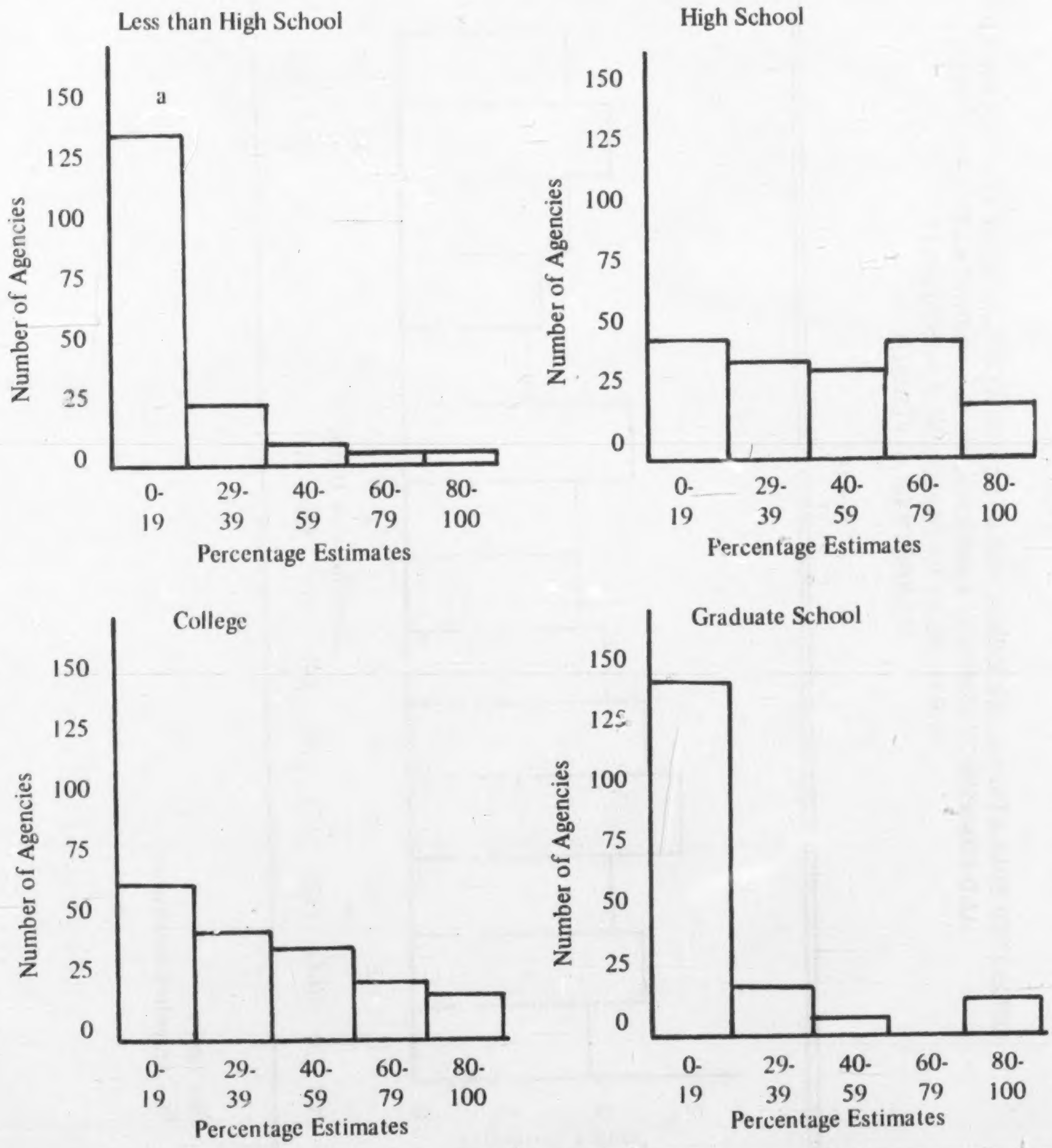
[a] See Table 9.

[b] See Appendix E for locations.

FIGURE 9
(Item 10)

DISTRIBUTIONS FOR AGENCY ESTIMATES OF PARTICIPANT EDUCATIONAL BACKGROUNDS

N = 173



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[a] Interpretation: These many agencies estimated that the number of their students with educational backgrounds of less than high school was less than 20%.

Item 11. (Age) What is the actual or estimated age of students who attend your Continuing Education or Community Services offerings?

Table 11 reports the mean and standard deviation of each distribution of agency estimates which resulted at each age level in Item 11. The actual/estimated rating for Item 11 was 1.95.

TABLE 11
(Item 11)

ANALYSIS OF AGE OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS ACROSS AGENCIES
N = 174

Age Level	$(\bar{X})^a$	Sd
60 and Over	6.24	15.2
50-59	9.88	8.8
40-49	23.18	16.4
30-39	30.18	18.1
20-29	22.88	21.7
Under 20	7.64	14.2
	100%	

[a] Mean percentages are based on each interval distribution.

TABLE 12
(Item 11)

ESTIMATED MEAN AGES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS AMONG AGENCY CATEGORIES
N = 173

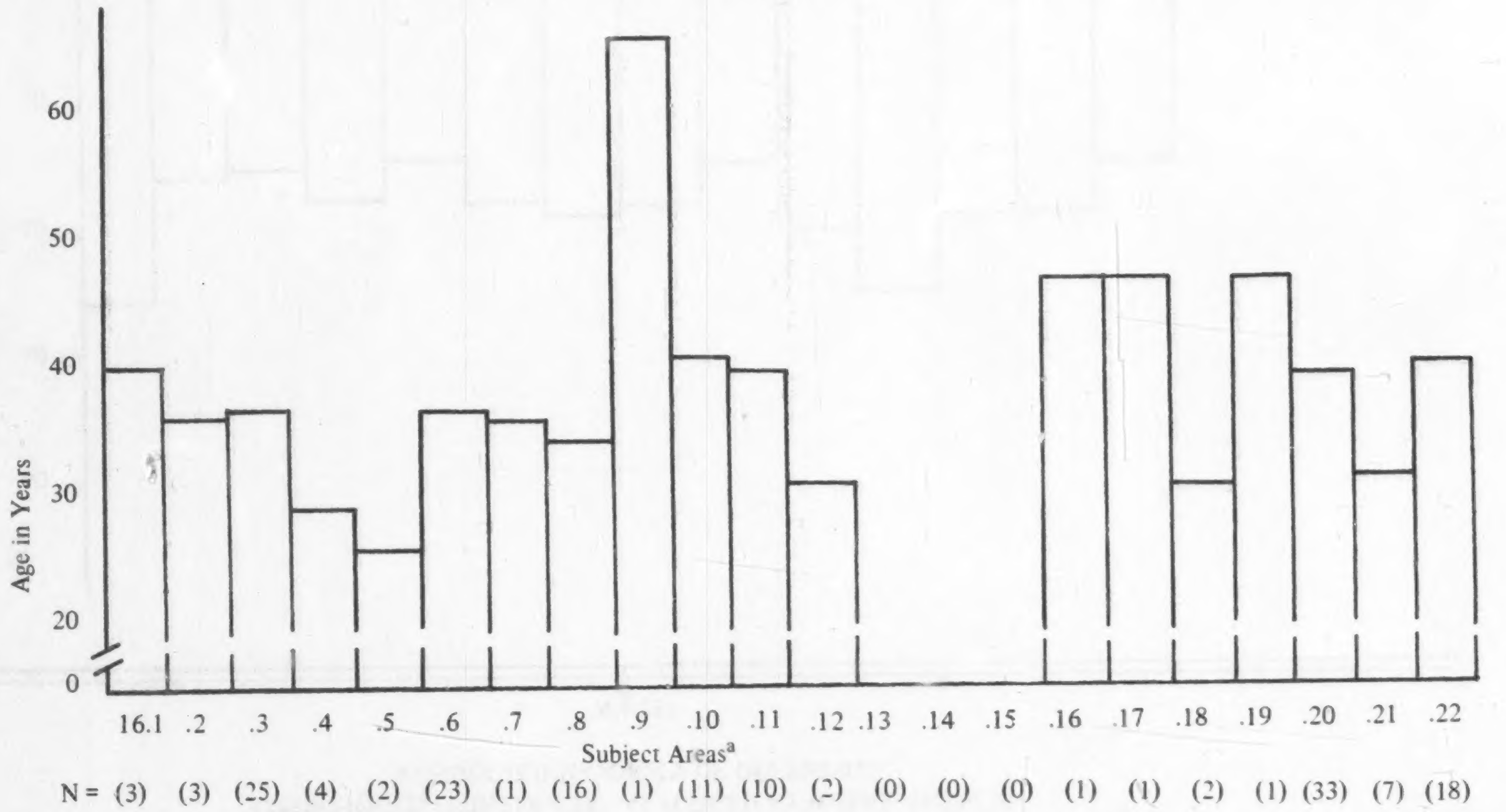
Report Code	Category	N[a]	$\bar{X}$
A	Business and Industry	2	30.5
B	Community Colleges	12	31.7
C	Cooperative Extension Service	1	35.5
D	Division of Continuing Education	1	45.5
E	Government Agencies	5	31.5
F	Independent Colleges and Universities	6	33.8
G	Museums and Art Institutions	7	32.5
H	Professional and Trade Associations	13	40.2
I	Proprietary Schools	15	31.5
J	Public Colleges and Universities	15	40.2
K	Public School Districts	25	35.3
L	Religious Institutions	45	39.4
M	Social Service Groups	11	35.5
N	Voluntary Associations (General)	7	42.5
O	Voluntary Health Organizations	3	38.8
P	Miscellaneous Agencies	5	49.5
	Total Sample	173	37.2

[a] Number agencies in category.

FIGURE 10
(Item 11)

ESTIMATED AGES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS BY SUBJECTS STUDIED: AS JUDGED BY PREDOMINANT OFFERINGS OF AGENCIES

N = 164



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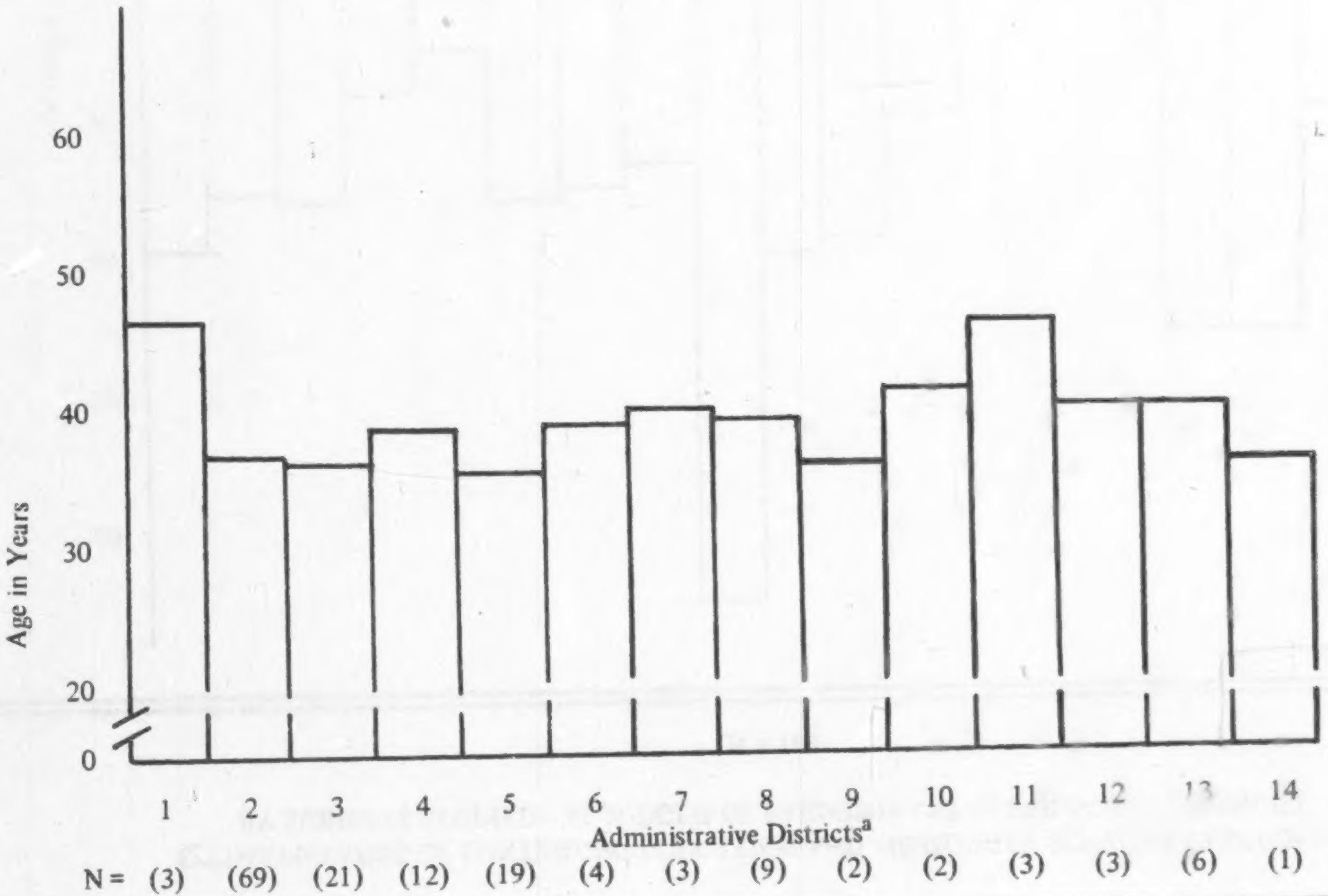
[a] See Appendix D for decimal interpretations.

FIGURE 11
(Item 11)

ESTIMATED AGES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS BY ADMINISTRATIVE DISTRICTS: AS JUDGED BY WHERE AGENCIES CONDUCTED MAJORITY OF OFFERINGS

N = 157



[a]See Appendix E for locations.

FIGURE 12
(Item 11)

DISTRIBUTIONS FOR AGENCY ESTIMATES OF PARTICIPANT AGES

N = 174

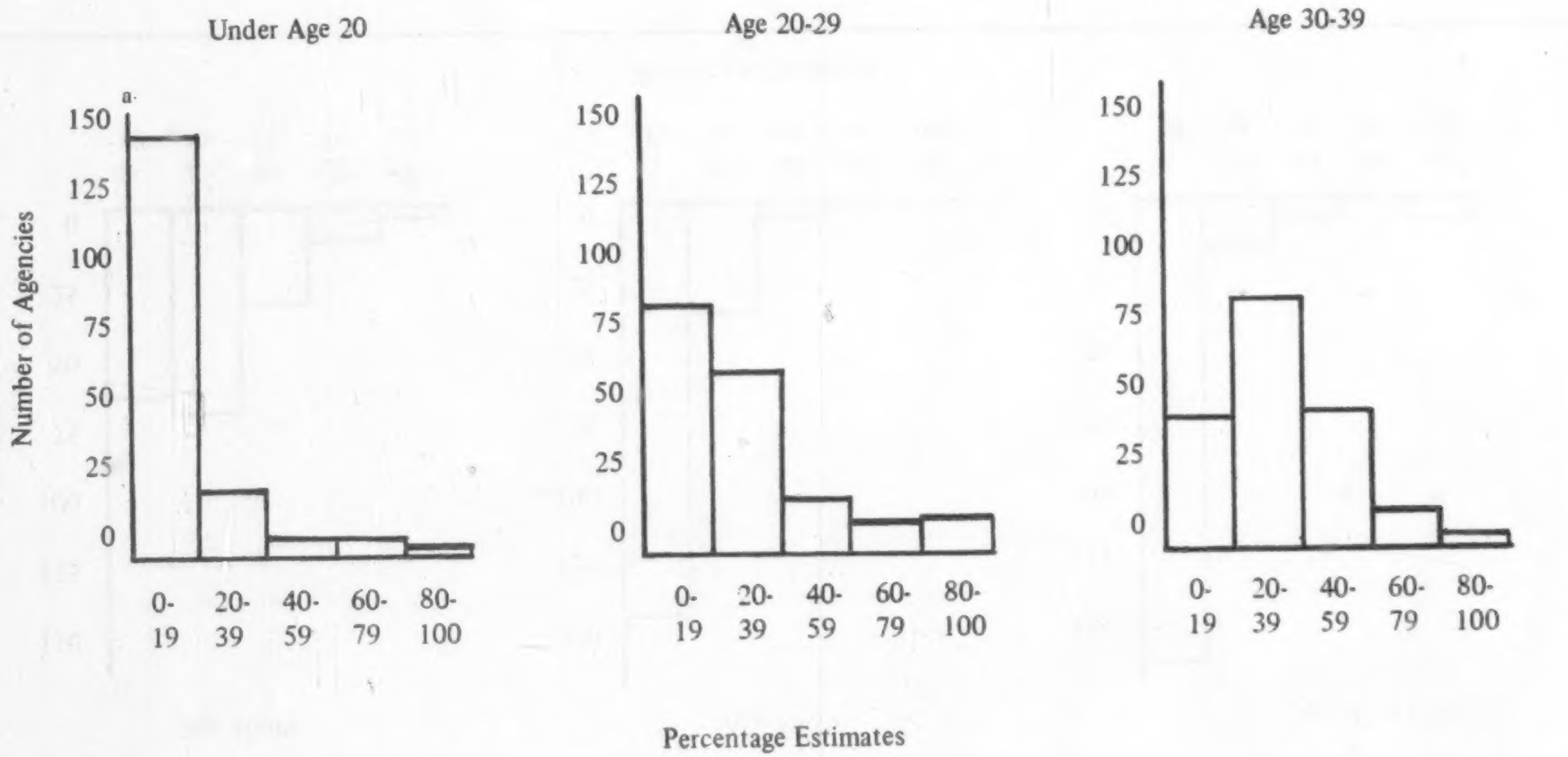
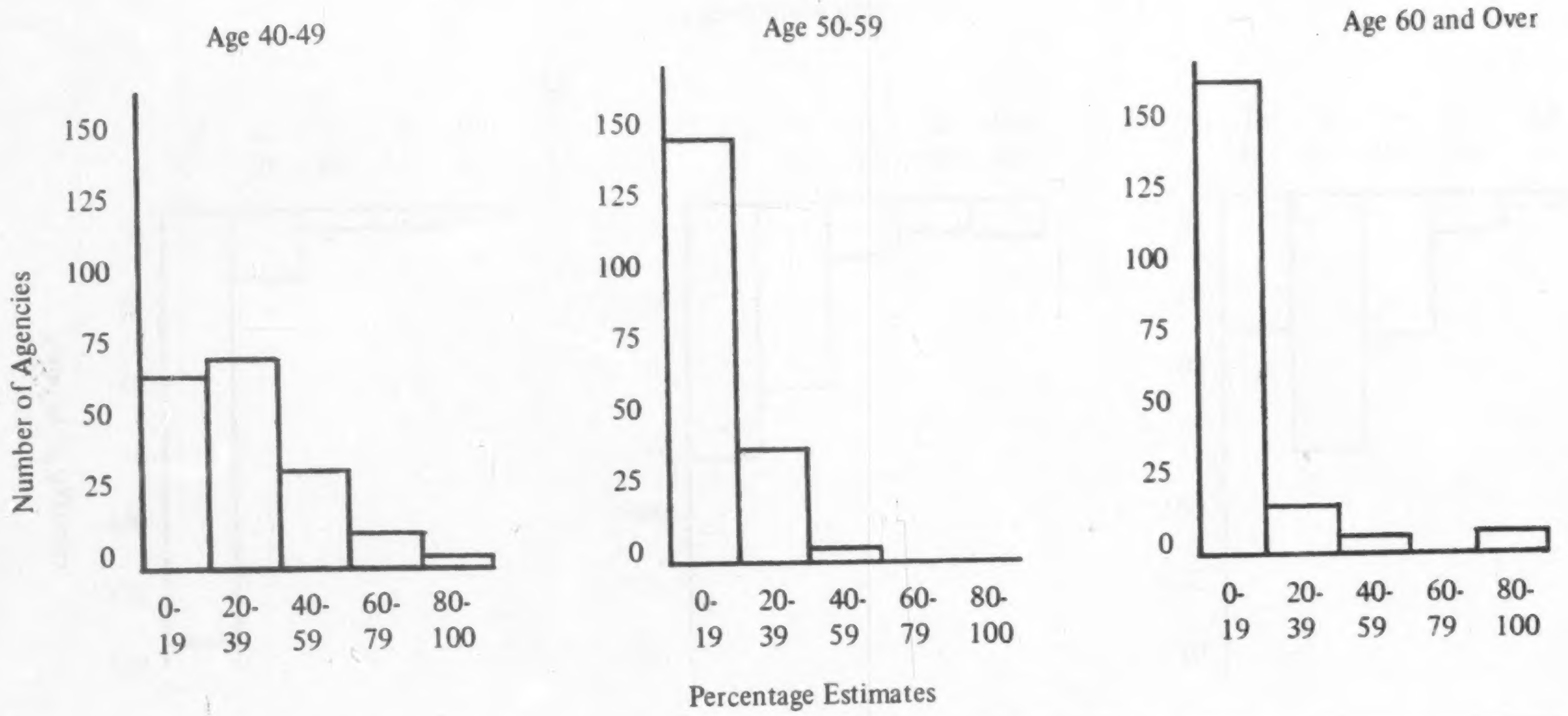


FIGURE 12 (Continued)



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[a] Interpretation: These many agencies estimated that less than 20% of their students were under the age of 20.

Item 12. (Occupational Level) What is the actual or estimated percentage of students by socioeconomic group attending your Continuing Education and Community Services offerings?

The actual/estimated rating for Item 12 was 1.93.

TABLE 13
(Item 12)

ANALYSIS OF OCCUPATIONAL LEVEL OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS ACROSS AGENCIES
N = 166

Occupational Level	$(\bar{X})^a$	Sd	Converted Value[b]
Managerial/Professional	33.77	32.9	3
White Collar	37.06	26.3	2
Blue Collar	29.17	29.7	1
	100%		2.04 $(\bar{X})$

[a] Mean percentages are based on each occupational level distribution.

[b] 1.00-1.49 = Blue Collar
1.50-2.49 = White Collar
2.50-3.00 = Managerial/Professional

TABLE 14
(Item 12)

ESTIMATED OCCUPATIONAL LEVELS IN CONVERTED VALUES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS AMONG AGENCY CATEGORIES
N = 166

Report Code	Category	N[a]	$\bar{X}$[b]
A	Business and Industry	2	1.50
B	Community Colleges	9	1.66
C	Cooperative Extension Service	1	1.00
D	Division of Continuing Education	1	2.00
E	Government Agencies	5	2.20
F	Independent Colleges and Universities	6	2.00
G	Museums and Art Institutions	7	2.00
H	Professional and Trade Associations	13	2.76
I	Proprietary Schools	14	1.71
J	Public Colleges and Universities	15	2.73
K	Public School Districts	24	1.79
L	Religious Institutions	45	2.04
M	Social Service Groups	10	1.50
N	Voluntary Associations (General)	6	2.00
O	Voluntary Health Organizations	3	3.00
P	Miscellaneous Agencies	5	1.80
	Total Sample	166	2.04 ($\bar{X}$)

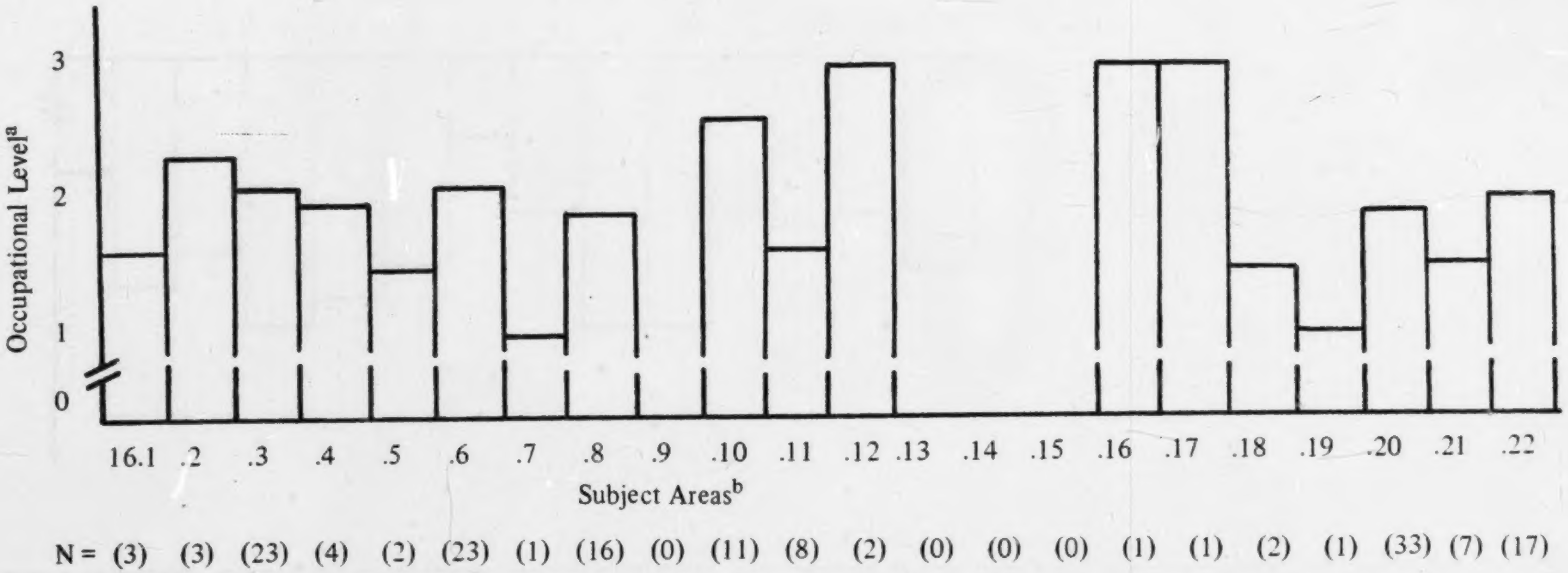
[a] Mean percentages are based on each occupational level distribution.

[b] 1.00-1.49 = Blue Collar
1.50-2.49 = White Collar
2.50-3.00 = Managerial/Professional

FIGURE 13
(Item 12)

ESTIMATED OCCUPATIONAL LEVELS IN CONVERTED VALUES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS BY SUBJECTS STUDIED: AS JUDGED BY PREDOMINANT OFFERINGS OF AGENCIES

N = 158



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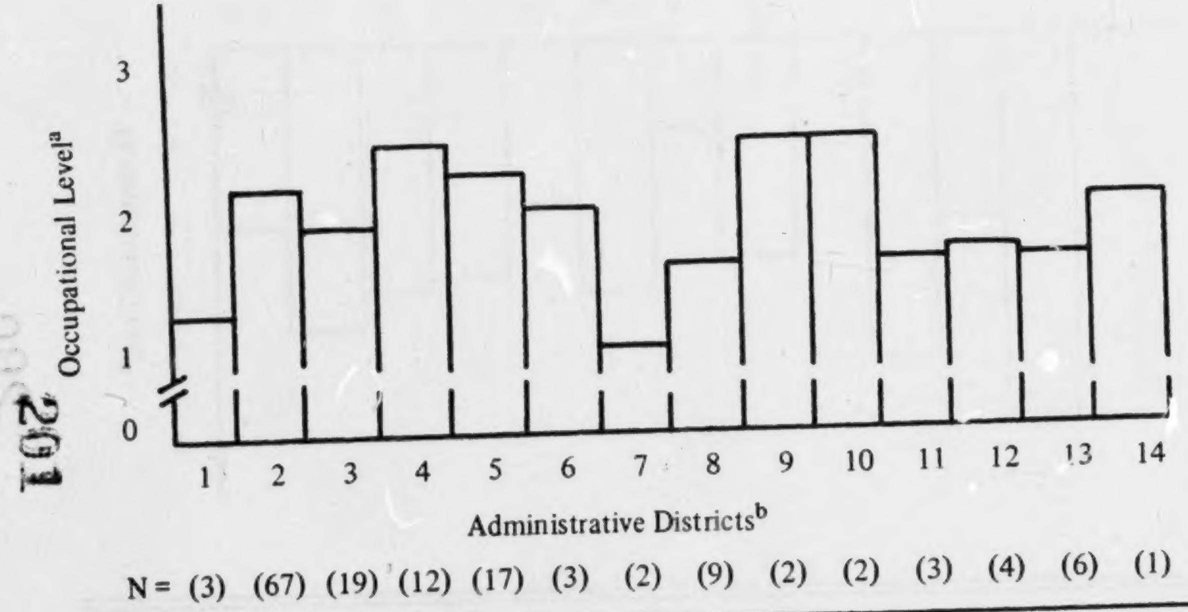
[a] 1.00-1.49 = Blue Collar; 1.50-2.49 = White Collar; 2.50-3.00 = Managerial/Professional.

[b] See Appendix D for decimal interpretation.

FIGURE 14
(Item 12)

ESTIMATED OCCUPATIONAL LEVELS IN CONVERTED VALUES OF CONTINUING EDUCATION AND COMMUNITY SERVICES PARTICIPANTS BY ADMINISTRATIVE DISTRICTS: AS JUDGED BY WHERE AGENCIES CONDUCTED MAJORITY OF OFFERINGS

N = 150



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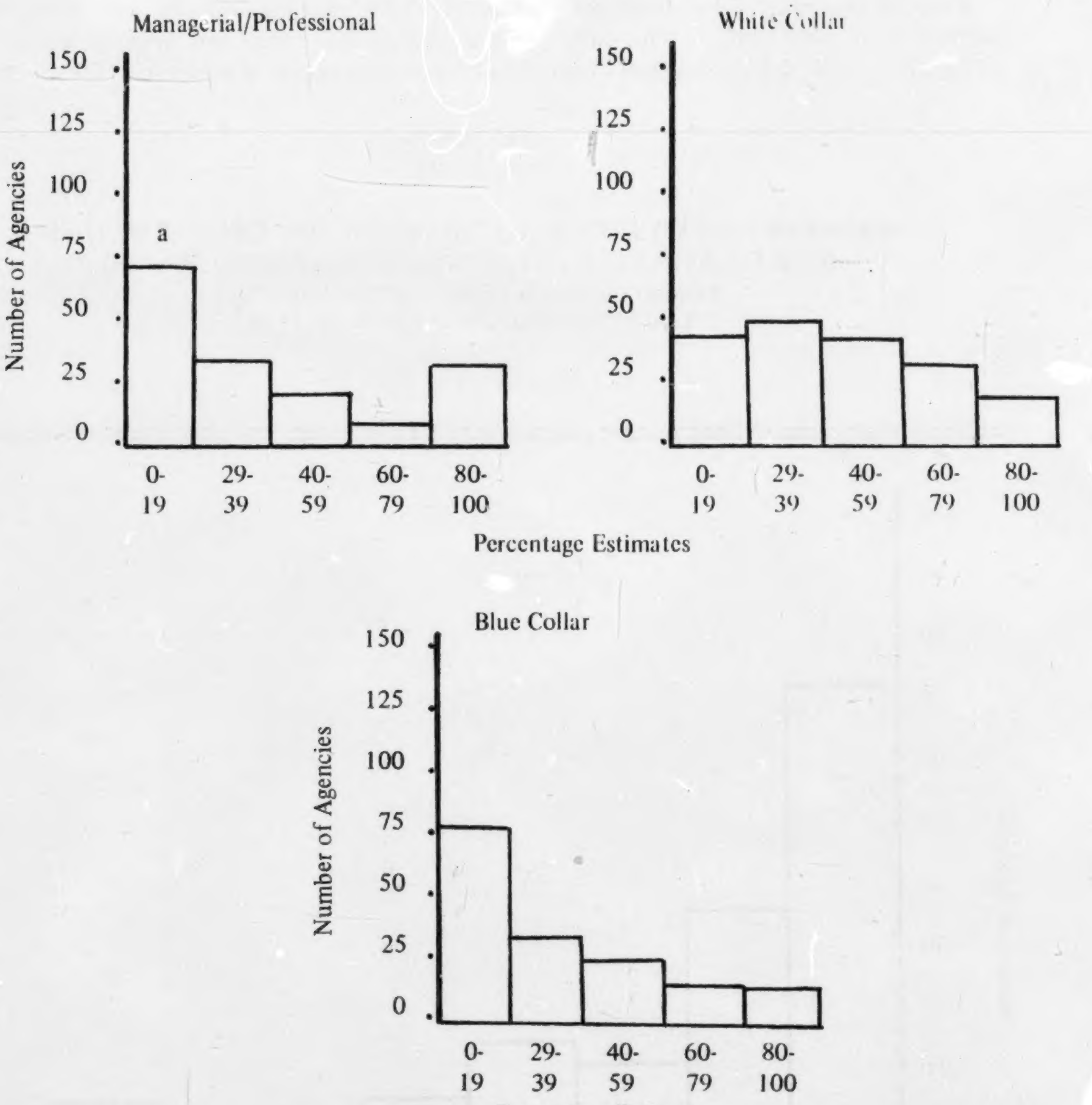
[a] See Figure 13.

[b] See Appendix E for locations.

FIGURE 15
(Item 12)

DISTRIBUTIONS FOR AGENCY ESTIMATES OF PARTICIPANT OCCUPATIONAL LEVELS
N = 166



[a] Interpretation: These many agencies estimated that less than 20% of their students hold managerial or professional occupational positions.

Item 13. (Budget Information) Check the percentage of your agency's overall operating budget spent in 1969 on Continuing Education and Community Services.

A supplemental questionnaire (Appendix F) asked verified Continuing Education and Community Services agencies to specify, among other things, the amount of their overall operating budget for the period covered by the survey.

Table 15 combines agency responses to Item 13 of the main questionnaire with those obtained by the supplementary questionnaire. The table permits comparisons within and between agency categories of estimated Continuing Education and Community Services expenditure in dollars with overall budget estimates.

FIGURE 16
(Item 13)

NUMBER OF AGENCIES REPORTING DIFFERENT PERCENTAGES OF THEIR OVERALL BUDGETS SPENT ON CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES DURING MAY 1, 1969 THROUGH APRIL 30, 1970

N = 174

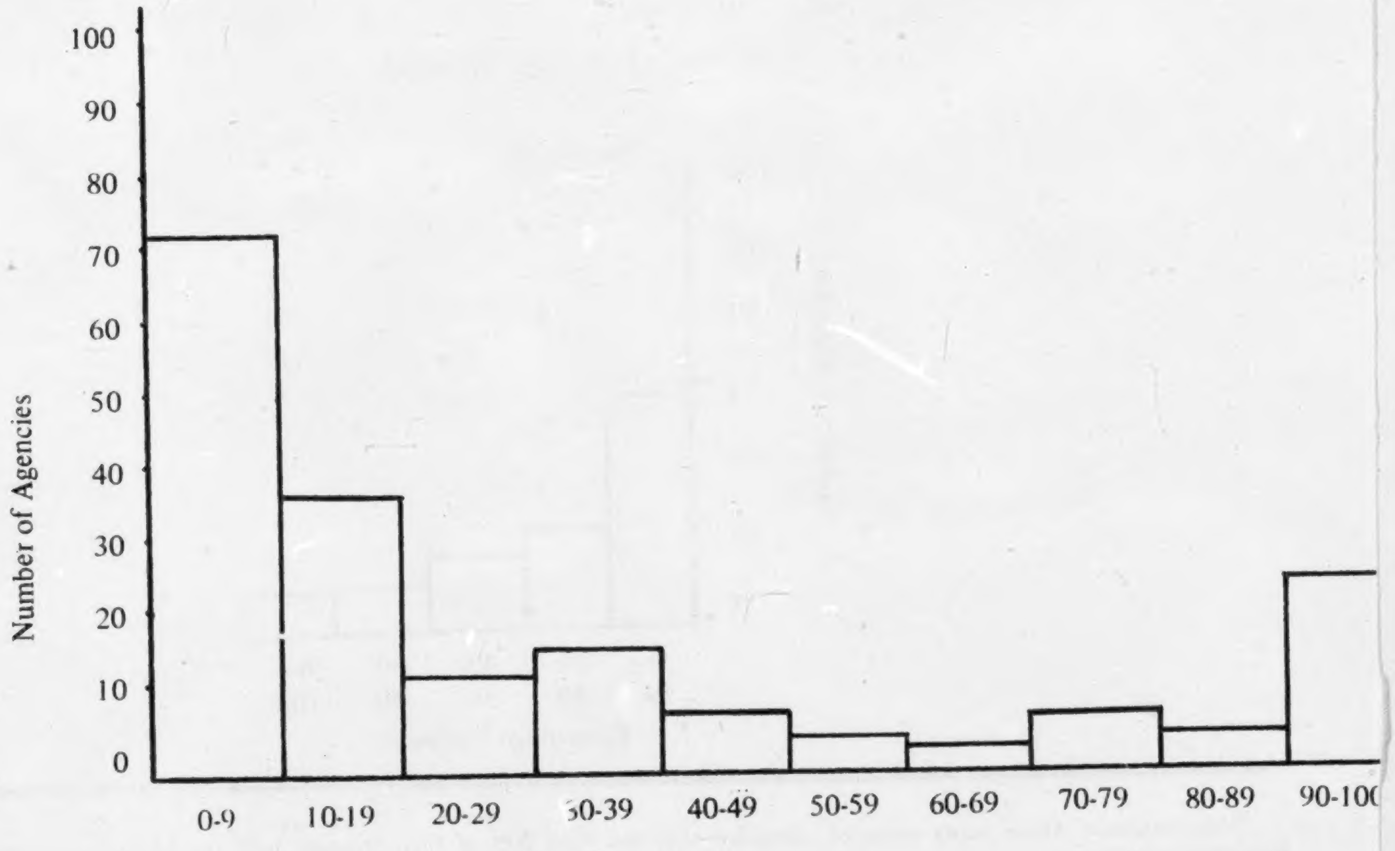


TABLE 15
(Item 13)

COMPARISON BY AGENCY CATEGORIES OF COURSE COSTS WITH FEES COLLECTED FOR CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES: MAY 1, 1969, THROUGH APRIL 1, 1970

N = 176

Report Code	Category	N[a]	Total Courses	Course Costs[b]	Fees Collected	Average Course Cost	Average Course Fees	Percentage Gain/Loss[c]
A	Business & Industry	2	299	$ 485,357	$ 63,300	$1,623	$ 212	-87
B	Community Colleges	12	4,662	2,892,244	890,410	620	191	-69
C	Cooperative Ext. Serv.	1	4,883	725,490	926,815	149	190	+27
D	Div. of Cont. Educ.	1	2,462	4,207,760	2,233,395	1,750	905	-48
E	Government Agencies	5	287	174,064	151,300	607	526	-14
F	Indep. Coll. & Univ.	6	181	125,961	252,995	696	1,400	+101
G	Museums & Art Instit.	7	218	120,200	35,625	551	164	-71
H	Prof. & Trade Assoc.	13	81	161,612	357,755	1,995	4,410	+121
I	Proprietary Schools	15	489	519,290	2,765,850	1,062	5,670	+434
J	Public Coll. & Univ.	15	661	245,590	393,770	371	594	+60
K	Public School Districts	26	549	233,214	125,955	425	230	-46
L	Religious Institutions	46	623	146,892	77,215	236	124	-47
M	Social Service Groups	12	7,171	754,263	934,540	105	131	+24
N	Voluntary Associations (G)	7	467	21,368	38,385	46	82	+78
O	Voluntary Health Org.	3	21	10,275	3,975	489	189	-61
P	Miscellaneous Agencies	5	12	58,747	109,400	4,896	9,120	+86
	Total	176	23,066	$10,882,327	$9,360,685	$471	$405	-14%

[a] Number agencies in category.

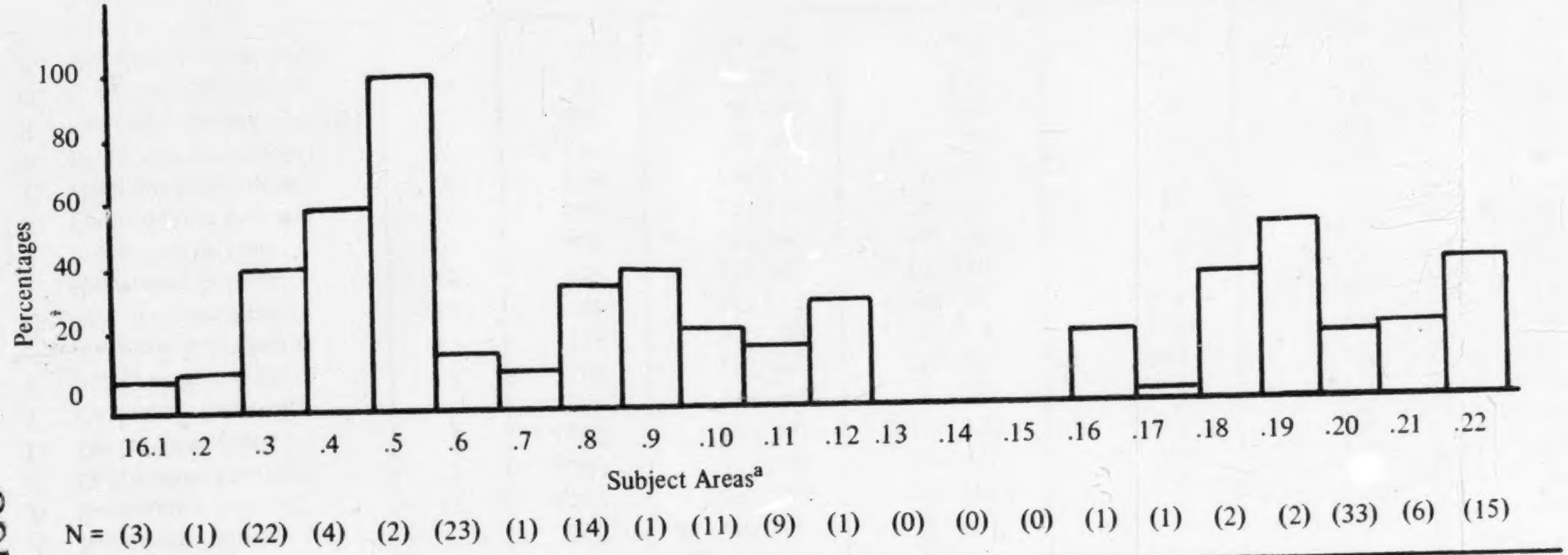
[b] Cost figures were estimated by agencies and not obtained from official agency records. The figures therefore may or may not reflect all legitimate indirect program and course costs such as prorated overhead.

[c] May be interpreted as the percentage of direct and indirect costs recovered or unrecovered through fees.

FIGURE 17
(Item 13)

AVERAGE PERCENTAGE OF OVERALL BUDGETS SPENT BY AGENCIES REPORTING DIFFERENT PREDOMINANT COURSE AND ALLIED LEARNING OPPORTUNITY OFFERINGS

N = 152



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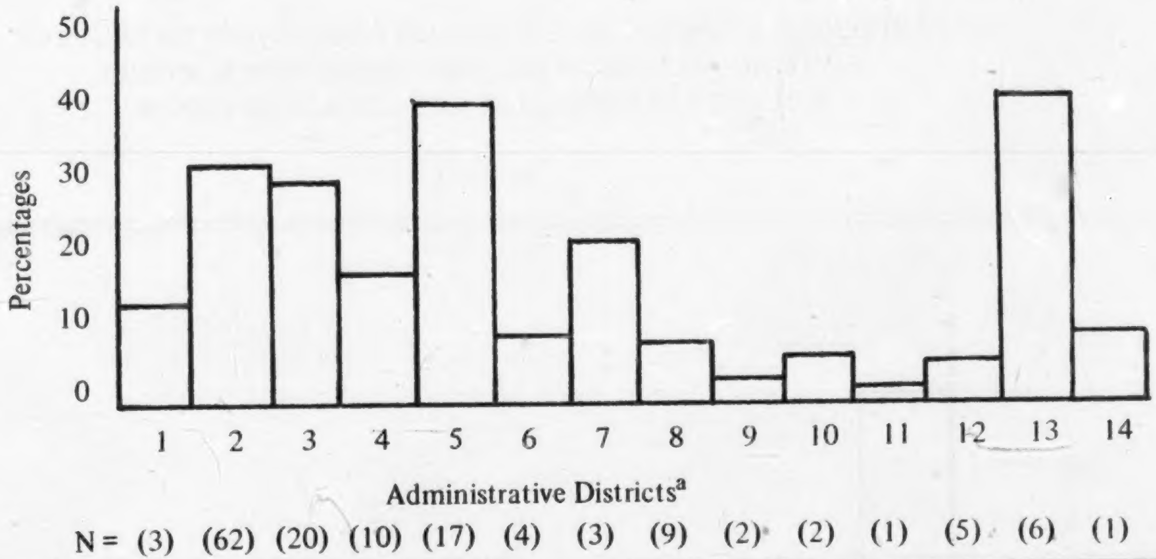
[a] See Appendix D for decimal interpretations.

FIGURE 18
(Item 13)

AVERAGE PERCENTAGE OF OVERALL AGENCY BUDGETS SPENT IN RELATION TO ADMINISTRATIVE DISTRICTS: AS JUDGED BY WHERE AGENCIES CONDUCTED MAJORITY OF OFFERINGS

N = 145



[a] See Appendix E for locations.

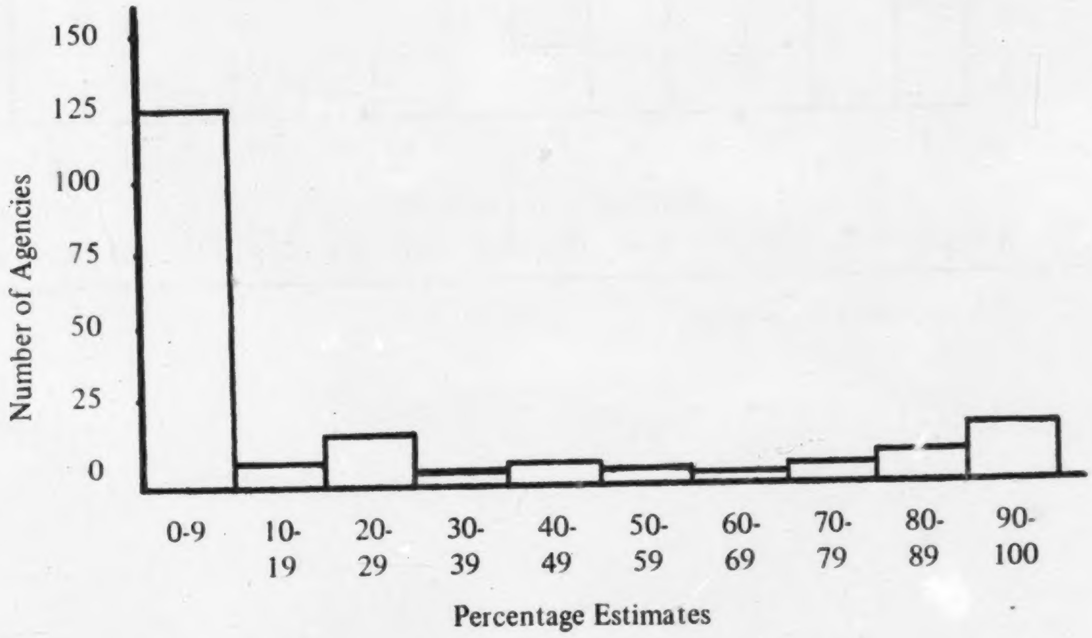
Item 14. (Financial Assistance) What per cent of the money your agency spent on Continuing Education and/or Community Services in 1969 derived from sources outside your agency which were earmarked for use in Continuing Education and Community Services activities? (Outside sources would exclude fees charged participants.)

Figure 19 contains the distribution of agency responses to item 14.

FIGURE 19
(Item 14)

NUMBER OF AGENCIES REPORTING DIFFERENT PERCENTAGES OF CONTINUING EDUCATION AND COMMUNITY SERVICES COURSE EXPENDITURES AS EARMARKED FUNDS

N = 173



Item 15. (Fees) Check the category which best represents the average per offering fee paid to your agency by its Continuing Education and/or Community Services students or participants.

Table 16 reveals how Continuing Education and Community Services checked the different fee categories of Item 15.

TABLE 16
(Item 15)

NUMBER OF CONTINUING EDUCATION AND COMMUNITY SERVICES AGENCIES REPORTING DIFFERENT FEES
N = 175

Fee Range	N[a]	Frequency Enrollments	d	fd
$70 or over[b]	17	5,738	+40	229,520
60-69	0	0	+ 6	0
50-59	4	2,930	+ 5	14,650
40-49	5	53,381	+ 4	213,524
30-39	4	1,346	+ 3	4,038
20-29	14	14,783	+ 2	29,566
10-19	38	68,557	+ 1	68,557
0- 9	93	362,161	0	0
Total Sample	175	508,896		559,855

$$\bar{X} = 4.5 + 10\,\frac{(559{,}855)}{508{,}896} = 4.5 + 10(1.10) = \$15.50^{c}$$

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[a] **Number agencies in category.**

[b] **Midpoint determined through separate contacts with these agencies to be approximately $400.00.**

[c] **Average agency or student fee for Continuing Education and Community Services courses during May 1, 1969, through April 30, 1970. Due to the marked skewness in the distribution of enrollments this figure is lower, but more representative, than can be obtained by dividing the course fee total in Table 15 by the number of enrollments.**

TABLE 17
(Item 15)

COMPARISON BY AGENCY CATEGORIES OF FEES CHARGED FOR CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES IN OREGON
N = 175

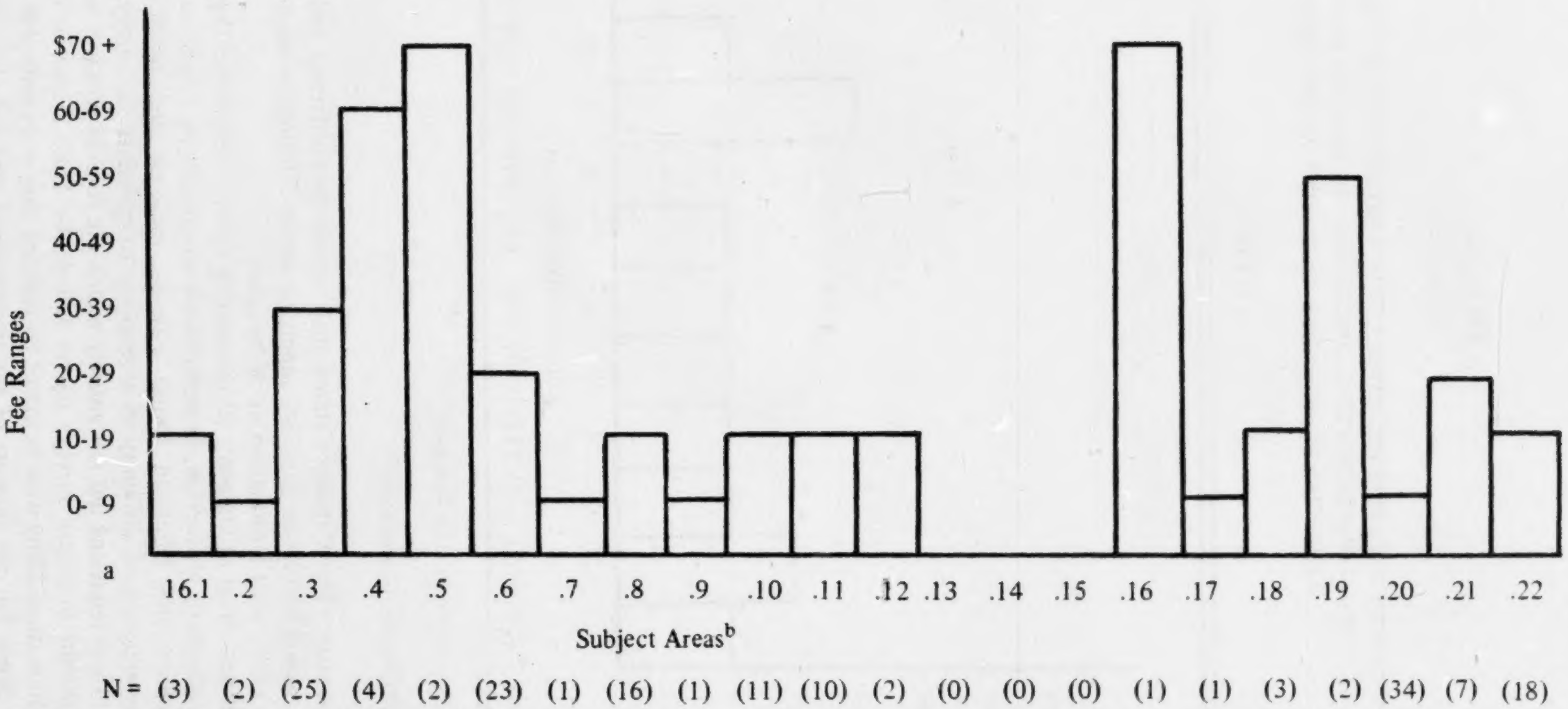
Report Code	Category	N[a]	Average Fee Range
A	Business and Industry	2	\$10-19
B	Community Colleges	12	10-19
C	Cooperative Extension Service	1	0- 9
D	Division of Continuing Education	1	40-49
E	Government Agencies	5	30-39
F	Independent Colleges and Universities	6	30-39
G	Museums and Art Institutions	7	10-19
H	Professional and Trade Associations	12	20-29
I	Proprietary Schools	15	70+
J	Public Colleges and Universities	15	10-19
K	Public School Districts	26	10-19
L	Religious Institutions	46	0- 9
M	Social Service Groups	12	10-19
N	Voluntary Associations (General)	7	10-19
O	Voluntary Health Organizations	3	0- 9
P	Miscellaneous Agencies	5	20-29
	Total Sample	175	\$10-19

[a] Number agencies in category.

FIGURE 20
(Item 15)

FEE RANGES OF CONTINUING EDUCATION AND COMMUNITY SERVICES AGENCIES REPORTING DIFFERENT PREDOMINANT COURSE OFFERINGS AND ALLIED LEARNING OPPORTUNITIES

N = 166



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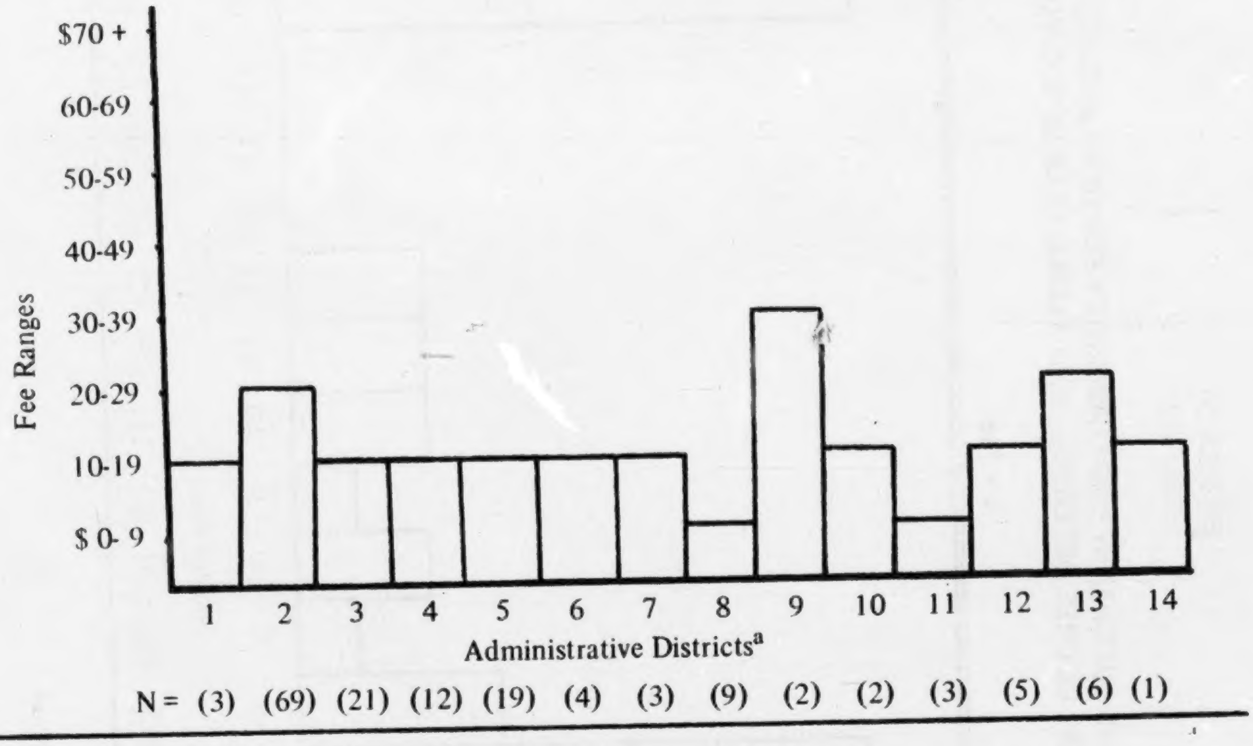
[a] No predominant offerings reported.

[b] See Appendix D for decimal interpretations.

FIGURE 21
(Item 15)

FEE RANGES OF CONTINUING EDUCATION AND COMMUNITY SERVICES AGENCIES BY ADMINISTRATIVE DISTRICTS: AS JUDGED BY WHERE AGENCIES CONDUCTED MAJORITY OF OFFERINGS

N = 159



[a]See Appendix E for locations.

Items 17, 18, 19, 20 (Survey Comments)[2]

Business and Industry: These agencies stated they record their offerings and tabulate most enrollment information. They would have little difficulty supplying survey information on a regular basis if it could be known in advance exactly what information would be asked.

Community Colleges: Most of Oregon's 12 community colleges record but they do not generally tabulate course offerings, methods of instruction, or male/female enrollment by courses and activities. Three or four claim having complete and tabulated course offering, methods and enrollment information. Many community colleges experienced difficulty in attempting to complete the survey questionnaire because the way the information was requested did not entirely match the form in which it was maintained. Several said the questionnaire should in future surveys try to follow the State Department of Education format in reporting similar information. Many were bothered by realizing they were only able to render estimates for the information asked. Some felt the purpose of the questionnaire was not clear. Several community colleges expressed pleasure regarding most aspects of the questionnaire and thought it was a worthwhile effort and worthy of repeating. A couple of schools saw considerable value in automating future surveys, and there were those schools who preferred the interview method.

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[2]See Appendix D for item statements

Government Agencies: The larger of these agencies record course, methods, and enrollment information. Larger agencies were split in their feelings about the length of the questionnaire. One thought it too long, the other thought it should have asked for more detail. Smaller agencies, by and large, did not comment.

Independent Colleges and Universities: One large school thought the questionnaire too time consuming and wondered why its course bulletin plus follow-up questions would not have sufficed. Most of these schools claimed they maintained complete and tabulated course, methods and enrollment records.

Museums and Art Institutions: One such agency keeps no course, methods or enrollment records at all and few keep partial records only. Others in this group record but they do not tabulate the information. Most of the agencies would have preferred an interview rather than the questionnaire. One agency said they liked the questionnaire and that method of data collection.

Professional and Trade Associations: Most agencies in this group would have favored an interview. Several thought it would have been useful to have had a special questionnaire for them as they were not like schools. About half of the agencies in this group record but do not tabulate course offering, methods and enrollment information. About equal numbers maintain no such records as claim to keep complete and tabulated records. Interestingly enough, many in this one of all groups recommended against attempting to computerize the collection of the type of information sought.

Proprietary Schools: Course information, instructional methods used and enrollment records receive only partial recording by these agencies. A few keep quite accurate records, others keep hardly any record of these things. Several commented the questionnaire had presented no special problems to complete. These schools seemed to feel privileged to have had the opportunity to participate in the survey. Most had mixed feelings about whether to computerize, use interviews or mailed questionnaires to gather the information.

Public Colleges and Universities: Agencies in this group tend to maintain either few or no course, method or enrollment records. A couple of agencies felt the definition of Continuing Education and Community Services was too narrow and it did not, therefore, allow them to report but a portion of their activities which they felt should have been reportable. One or two agencies were of the feeling they had not provided the information or the type of information sought by the questionnaire. Some felt computerizing would be an "over kill" in view of the extent of their operations.

Public School Districts: Among the smaller agencies in this category course records, methods of instruction and enrollment information are seldom kept at all. The larger agencies record but do not tabulate this kind of information. Agencies in this group had few comments to make. About the most important comment was perhaps that there are numerous questionnaires (e.g., student projects, dissertations, other surveys) sent to school administrators, with many of them asking basically the same questions.

Religious Institutions: Most agencies of this type maintain only partial course, methods and enrollment records. By and large these agencies had difficulty responding to the questionnaire, so they said, because it did not fit their kinds of offerings and operation. The two or three agencies which supported collection of survey information by computer were the same two or three agencies which claimed to maintain rather full and complete Continuing Education and Community Services records.

Social Service Groups: Agencies in this group were nearly unanimous in their record keeping practice of maintaining only partial course and participant records. Most were satisfied with the questionnaire but felt an interview would have enabled clarification of several difficult-to-translate items (for them).

Voluntary Associations(General): Records of course activities and participation are sparsely kept by agencies in this group. Most of these agencies felt they perhaps should not have been included, as the nature of their activities varies so much from that of schools and other Continuing Education and Community Services agencies.

Voluntary Health Associations: Like many other of the nonschool agencies, these agencies found difficulty in attempting to respond to certain portions of the questionnaire. The recording of course and enrollment information for most of these agencies is either partial or not at all.

Miscellaneous Agencies: The diverse nature of agencies in this group actually precludes any meaningful summary of the replies. The unions, which are included in this group, had particular difficulty deciding if their Steward classes should be included in view of the definition given for Continuing Education and Community Services courses.

DISCUSSION AND CONCLUSIONS

General Observations

Surveying and analyzing Continuing Education and Community Services agencies proved a complex and onerous task. The most persistent difficulties encountered were: (1) The general lack of agreement as to what constitutes a Continuing Education and, particularly, a Community Services activity, (2) Insufficient record keeping by most agencies, (3) The informality with which most Continuing Education and Community Services activities are administered, (4) The amount of agency time required to collect information and complete the questionnaire, and (5) The hesitancy many agencies have about participating in surveys where the purpose or intended use of the results is not entirely clear. But, in spite of these difficulties, the survey had its positive and encouraging aspects, too: (1) Many agencies said they welcomed the opportunity to report their activities in the manner of the survey, (2) Some agencies put forth considerable effort in responding to the questionnaire because they wished for the results to be of value to both themselves and others, and (3) Many agencies said they would be willing to participate again and several offered their services and suggestions should future such surveys be undertaken.

The survey had attempted to include all bona fide Continuing Education and Community Services agencies serving Oregon citizens and there are a number of indications that this goal was accomplished, although only the passage of time can tell for sure. If there are eligible agencies which were left from the survey they will likely be found the smaller and less productive of Continuing Education and Community Services agencies serving Oregon. For, while it is true some 200 agencies thought to be engaged in Continuing Education and Community Services were for one reason or another never able to be questioned, no confirmed Continuing Education or Community Services agency of any size at all was knowingly left uncontacted. There may, of course, be a few agencies which were simply overlooked, due perhaps to their obscure identity or the unusual nature of their offerings. Too, the inclusion/exclusion chart eliminated some agencies from the count which, had other criteria been in force, might have been included. And it must be remembered, however perplexing the thought, that whoever, or whatever agency might have attempted the survey, the list of agencies would not likely match exactly the list in Appendix K, both for the nature of Continuing Education and Community Services agencies and activities and for the nature of the survey technique itself.

Information and Data Analysis

Much of the information and data obtained by the investigation and accompanying survey came from estimates, and all of it was gathered *ex post facto.* These two factors must be taken into account when analyzing and interpreting the results. At the same time though, it ought to be recognized that the choices of method were limited owing to the first-time nature of the investigation and the many problems inherent in Continuing Education and Community Services investigative and research work. One thing is for certain, based on many comparisons among the different tables and figures, the results are at least congruent. Whether they are valid and reliable is less certain, but far from uncertain.

By way of comment on the statistical procedures employed in the investigation, it is probably sufficient to say that with but one or two exceptions the use of measures of variability such as the standard deviation and variance statistic were deemed largely inappropriate due to the marked skewness of the data. As a consequence, the data appear mostly in graphic form and in percentages. It should be mentioned, too, that the study concerned itself with supposedly an entire population rather than a stratified or random sample which renders the use of sampling statistics unnecessary.

In the main, the results obtained by the survey turned out much as could have been predicted by experienced Continuing Education and Community Services agency directors. Still, the investigation did produce some interesting and rather unexpected findings.

Before looking at the answers acquired for the questions of who is doing what and where in the way of Continuing Education and Community Services courses and allied learning opportunities and what are the characteristics of the agencies and learners involved, a brief comparison with the NORC study (discussed under Problem) might be in order.

The NORC study found the majority of all participants in adult education (57 per cent) under the age of forty and that 43 per cent hold white-collar jobs. Table 12 shows an average age for Oregon's participants in Continuing Education and Community Services courses and allied learning opportunities of 37.2 years, and Table 13 shows 37.06 per cent of Oregon adult learners hold white-collar jobs.

The NORC study estimated that 91 per cent of adult education instruction is of the face-to-face (lecture) variety. Table 6 indicates that Oregon agencies use the technique a little less than 87 per cent of the time. This slight difference may however be more reflective of a shift in instructional techniques rather than a population difference.

Some marked enrollment differences would appear to exist between Oregon and the rest of the country. The NORC study found churches and synagogues account for 21 per cent of all adult education enrollments and that colleges and universities account for another 21 per cent. Figures in Table 8 indicate that while church and church-related Continuing Education and Community Services agencies constitute more than 26 per cent of Oregon's agencies, they account for only 2.82 per cent of the enrollments. On the other hand colleges and universities (report codes, B, C, D, F, J), while making up about 20 per cent of Oregon's agencies, account for more than 42 per cent of Oregon's Continuing Education and Community Services course and allied learning opportunity enrollments.

The NORC study found men and women participate in adult education in about equal numbers while figures in Table 7 show that in Oregon male enrollments exceed female enrollments 57.33 per cent to 43.67 per cent. Were it not though for the extraordinarily high number of males served by the Federal Cooperative Extension Service, female enrollments would have exceeded male enrollments by a similar margin.

Although the differences are admittedly smaller, agencies based in Administrative Districts 1,2 and 4 tend to use non-face-to-face instruction more so than do agencies based in other districts (Figure 2). Proprietary schools apparently make the greatest use of non-face-to-face instructional techniques (Figure 2). However, government agencies, museums and art institutions, voluntary associations and a grouping of miscellaneous agencies are also attempting apparently to employ instructional means other than the lecture to a slightly greater extent than are some other agencies. Of the twenty-two major subject matter areas covered by the survey questionnaire, the communications area evidently sees the most widespread use of telecommunications and other non-face-to-face instructional techniques. Adults studying agricultural, computer, and other technological subjects can expect to experience more non-lecture-type instruction than those studying other subjects, but to a lesser degree than adults taking communications subjects (Figure 2).

In the interest of respondent answering time, no attempt was made to determine the exact number of men and women enrolled in particular courses nor to determine exact ages or other participant particulars in relation to subject areas or districts. Estimates of these and other relationships are nonetheless possible from the information as obtained. A case in point is Figure 3. This Figure was formed by assuming that an agency enrolling overall a larger number of females than males would be likely to have more women in its predominant subject offering than it would males. From Figure 3 it can be presumed that male participants tend to be in the majority in Continuing Education and Community Services courses and allied learning opportunities having to do with agriculture and business and managerial subjects. And women, seemingly, are in the majority in courses and allied learning opportunities pertaining to educational subjects, fine and applied arts, home economics and home arts, theology, avocational and family living, and a wide assortment of miscellaneous courses, with the dominance of women in theology (Bible and church life) courses being pronounced.

Figures 4, 5, and 6 further support an earlier mentioning to the effect that much of the data occurs rather decisively in one direction or the other. These three figures tell that most Continuing Education and Community Services agencies are small, a point also borne out in Table 8, and that they have relatively small annual enrollments. As permitted by the data in Table 15, the average number of courses and allied learning opportunities per agency for the twelve-month period covered by the survey is 131. However many agencies conducted fewer than a dozen offerings (Table 1), and the majority enrolled fewer than 200 adults (Figure 6).

The educational background of participants in the Continuing Education and Community Services activities studied ranged from high school completed to some graduate education (Table 10). Social service agencies serve adults having the least amount of formal education, and voluntary health organizations serve adults with the highest amount of formal education. The subjects enrolled in most with this latter group of agencies are medical and dental subjects and legal subjects. Although psychology (Figure 7) does show having graduate level adult learners in the majority, the small N (1) renders the generalizability of the observation somewhat questionable. Figure 8 suggests that Continuing Education and Community Services agencies which conduct a majority of their offerings in administrative District 4 enroll more highly educated adults there than do agencies in other majority offering districts although, actually, the educational level among participants is relatively equal among Districts 2, 4, 5, and 9.

The Division of Continuing Education and a handful of miscellaneous agencies are serving slightly older adults than are other agencies according to Table 12. Older adults tend to enroll in language courses according to Figure 10. Again, the small N (1) may be largely responsible for this observation. The younger adults are evidently enrolling in computer and information services courses and in communications courses (Figure 10). The age level of adults in Districts 1 and 11 is apparently higher than in the remaining twelve districts, according to Figure 11. District 5 boasts the youngest adult learner population, if a judgment based on the majority of agency offerings approach is not too misleading.

Oregon Continuing Education and Community Services courses and allied learning opportunities seem mostly middle class phenomena, at least as far as results here are concerned (Tables 13, 14). Table 14 shows that only three out of sixteen Continuing Education and Community Services agency categories serve lower socioeconomic status adults. As would be expected from previous analyses, courses relating to the health professions and law tend to draw participants of higher socioeconomic status than do other courses and such, save perhaps for psychology and public affairs and services courses and allied learning opportunities (Figure 13). Adult learners in Districts 4, 9, and 10 tend to be of higher socioeconomic status across subjects than are learners in other districts.

Perhaps more interesting to many than other findings will be those pertaining to the financial side of Continuing Education and Community Services courses and allied activities. Figure 16 portrays Continuing Education and Community Services activity as largely a secondary endeavor for most of the agencies involved. In Figure 16, thirty-four agencies are shown to have spent in excess of 50 per cent of their overall budgets on Continuing Education and Community Services courses and allied activities. One hundred forty agencies, however, claimed they spent less than 50 per cent of their overall budgets, and seventy-three of these spent less than 10 per cent on these types of courses and allied activities.

Table 15 is an unofficial 1969-1970 financial report of Continuing Education and Community Services course and allied learning opportunity activity in Oregon. Caution must be exercised however when making comparisons among the various categories. The table does not take into account differences which are known to exist among the categories with respect to the quality, level, length and complexity of the instruction they primarily provide.

From looking at Table 15 it becomes apparent that agencies must vary greatly in the extent to which they figure to underwrite or to profit from their activities. Perhaps the only safe generalization which can be drawn from this table is that, generally speaking, smaller agencies tend to recover more of the cost of Continuing Education and Community Services offerings than do larger agencies, excepting Federal Cooperative Extension. The reason it differs considerably from, for example, the community colleges and the Division of Continuing Education can only be speculated here. However, the fact Cooperative Extension conducts a far more limited number of offerings of much shorter duration (Table 1) than do either of these other two agency categories might account for the differences seen in Table 15. On the whole, though, Continuing Education and Community Services courses and allied learning opportunities are financially non self-sustaining to the extent of about minus 14 per cent.

Agencies specializing in computer and information services courses and allied learning opportunities would seemingly be spending a much greater percentage of their overall budgets on these activities than are agencies specializing in other areas (Figure 17). Communications and mechanical-technical courses tend also to be offered by agencies which commit larger amounts of their budgets to these efforts. Referring still to Figure 17, architecture and environmental design courses, agriculture and natural resources courses, and engineering and technology courses tend to be conducted by agencies committing relatively minor portions of their budgets to them. From the data available it is of course not possible to tell to what extent, if any, these observations might be indicative of purely agency interests, adult needs, or both.

Figure 18 suggests that with the exception of District 13, the more populated districts of 2, 3, and 5 register more high-commitment agencies offering a majority of their activities there than do other districts.

From Figure 19 it can be said that Continuing Education and Community Services activity in Oregon is clearly not an outside funded or underwritten practice. One hundred twenty-four agencies claimed that only 0 to 9 per cent of the funds they spent came from sources outside their regular agency budgets.

Pursuing further the financial side of Continuing Education and Community Services activity in Oregon, Tables 16 and 17 tell that in spite of several thousand enrollments during the survey year at fees in excess of $40.00 and $50.00 and even $400.00, the fee most often paid by Oregonians was somewhere between $10.00 and $19.00 or, as computed in Table 16, had a mean of $15.50. It is interesting that, according to not only Tables 15 and 17 but also certain correlations in Appendix J, the yearly number of an agency's courses and enrollments has almost no bearing on the size of the fee it charges. This knowledge strikes a somewhat troublesome note for the financial part of the survey. For, taken with an earlier observation that smaller agencies evidently recover more of the cost of Continuing Education and Community Services offerings than do larger agencies, it means there is reason to question if the cost estimates apearing in Table 15 of some of the smaller agencies are not spuriously low. If such is the case, then the overall financial plight of Oregon Continuing Education and Community Services activity is even more serious than is reported in Table 15.

According to Figure 20, registration fees for courses and allied learning opportunities in communications, computer and information services and mechanical technology are among the highest of fees charged. Psychology courses in general appear also to cost a great deal however there is only a single agency reporting here, which happens to be NTL. Courses and allied learning opportunities in business and management subjects also tend to cost more than others and probably much more than is actually reflected here owing to the manner in which the estimates were made.

Figure 21, while again only estimating conditions, indicates that all districts except 2, 9, 13, 8, and 11 pay essentially the same amount for their Continuing Education and Community Services courses and allied learning opportunities.

Perhaps no place else is the complexity of Continuing Education and Community Services in Oregon more apparent than in Tables 1 and 2. Designed to provide answers to the question of who is doing what, and where are they doing it, these tables should be a helpful reference for agencies to use in planning future offerings. To some extent also they ought to be able to speak to an issue often raised by adversaries of the present system, that of duplication of services.

From certain standpoints Tables 1 and 2, which are identical in content, may be almost too conglomerate to be justified. On the other hand, being the only tables of their type yet known, they permit qualified comparisons to be made within and between agencies, categories and subject areas, and across administrative districts heretofore not thought possible.

The conglomerateness of the two tables is due mainly to the variable course lengths and levels and the modes of instruction represented. But, when a truly comprehensive view is sought as was the case, minor variables have to be collapsed across main variables. In Table 1, the main variables became categories, agencies and districts. In Table 2, they became subjects, agencies and districts. The tables are said to be three-dimensional as they each allow simultaneous examinations of three variables. Since the number of dimensions in a table becomes limited by the way the data were collected, a more detailed breakdown of the contents of these tables is not permitted.

Notwithstanding, Tables 1 and 2 do permit a number of noteworthy observations with perhaps the most critical being the ten most frequently offered subject matter areas:

1.	Outdoor Recreation and Physical Education	4,812
2.	Agriculture	1,296
3.	Safety and First Aid	1,102
4.	Clothing and Textiles	1,069
5.	City, Community and Regional Planning	1,042
6.	Public Administration	692
7.	Secretarial Science	503
8.	Painting, Drawing, Sculpture	464
9.	Personal/Family Living	462
10.	Natural Resources Management	441

Table 1 reveals the Division of Continuing Education to be the most diverse of the 176 agencies. It also can claim the greatest number of contact hours of any agency because the average length of its offerings is nearly ten times that of the two agencies (Federal Cooperative Extension, American Red Cross) offering slightly more than twice as many courses and allied opportunities.

The five subject matter areas offered by the most agencies is another interesting piece of information obtainable from Table 2 and they read:

1.	Theology	48
2.	Painting, Drawing, Sculpture	42
3.	Applied Design	40
4.	Secretarial Science	37
5.	Accounting and Bookkeeping	33

Narrowly missing the top five were Spoken Communications (31) and Investments and Securities (30).

As would be expected, the administrative district providing the greatest number of offerings was District 2, followed by 5, 3, and then 4 (Table 3). Although the popular notion has always been that District 2, and especially Portland, receives more than its share of Continuing Education and Community Services attention, Table 3 says no. Notice that Districts 8 and 14 receive nearly twice the per capita amount District 2 receives.

The extremely long list of 16.22courses and allied learning opportunities found in Tables 1 and 2 can be partially attributed to an error in the questionnaire. A subject area headed Social Sciences was somehow omitted from the final edition. Had it been included, it would have accommodated such subjects as Economics, English, Gerontology, History, Literature, Political Science, Religion and Sociology.

Proving or disproving duplication in the field of Continuing Education and Community Services is usually a difficult and often an impossible task. The reason for this, as though it needed pointing out, is the total absence of accepted criteria for establishing duplication. The mere fact two agencies conduct similar sounding offerings in the same community at about the same time of the year is, by itself, insufficient grounds for claiming duplication. A closer inspection of the two similar sounding offerings might reveal that one was a short noncredit course and the other a credit course, or that one was for personnel working for large firms and the other for independent businessmen. Even a difference in the course fees, or one being available in the daytime and the other in the evening, or that they are offered on different nights of the week would be, to many, criterion enough for disclaiming duplication. Clearly, duplication to Continuing Education and Community Services administrators is a rare occurrence, if not for the criterion problem then for the reason of competition. Continuing Education and Community Services courses and allied opportunities are, in effect, products which must find their way in the marketplace for these activities or go the way of any product which fails to find a place. Perhaps in the last analysis it is really the adult learner who is in the best position to decide whether a duplication has occurred or not.

In view of the foregoing, Table 2 is actually of not much significance to the question of duplication except to show where duplication has obviously not occurred. Whereas, when two or more agencies are seen to be conducting similar and possibly identical offerings, information about the needs for those offerings would have to be obtained before being able to address the question of duplication.

In concluding the analysis of the information and data collected by the survey, a few comments deserve to be made about the correlations in Appendix J among fourteen variables, or questionnaire item responses. Although a correlation coefficient cannot be interpreted in terms of cause and effect, it is nevertheless a helpful statistic as it points out which among several variables tend to occur together. Generally speaking, a correlation coefficient is regarded as unmeaningful if it is of insufficient size to be significant at either the .01 or .05 level, using the appropriate degrees of freedom.

According to the correlation matrix, departure from face-to-face techniques is related to size of fee (r = .41). Which simply says in a slightly different way that instruction by the lecture hall method is the least expensive – as far as tuition is concerned, anyway.

It would appear that agencies enrolling large numbers of adults tend to register slightly more men than women (r = .97). However, when the number of courses and such are considered, the greater the number of courses the greater the likelihood an agency is registering more female than male participants (r = .98).

The educational level of participants was found to correlate .63 with the socioeconomic status of participants. This is a known correlation among educational, sociological and psychological investigators and warrants no special comment here except that its occurrence is doubtless indicative of validity and good reliability.

Another interesting finding was the correlation of .40 found between the percentage of overall budget spent on Continuing Education and Community Services courses and allied learning opportunities and fees charged. Although not particularly high, the correlation does suggest that the high commitment agencies, those which spend a large proportion of their overall budget on courses and such, charge higher fees for their offerings than do low commitment agencies. Is this to say low commitment agencies, which are generally the smaller agencies, offer a better bargain, perhaps because they see their offerings as being in the public service? Here again a conclusion based on such little data would be dangerous. We do not know whether the offerings of high commitment agencies are at all comparable to those of low commitment agencies. On the face of things it would be unlikely if they were and the differences in fees might therefore be quite justified.

Clearly, direct comparisons between school and nonschool agencies could be misleading except to the most careful observer. Private Continuing Education and Community Services agencies by being smaller and perhaps prone to assign fewer indirect costs to their offerings make comparisons between them and public agencies also difficult. Indeed, there would seem to be good reason for future surveys to heed the comments made by many respondents that the questionnaire in its present form is probably not as suitable as it might be for many agency categories.

Project Evaluation

In keeping with the practice of evaluating funded projects according to certain predetermined criteria, the following analysis is performed against the objectives set forth under Procedure: Evaluation Procedures.

1. The first objective, a key objective, was not only met – it was exceeded by 2.8 per cent (Appendix G). This achievement was not able to be reached within the original 60 day period, however, as the last agency questionnaire was received nearly 100 days after the first questionnaire was mailed.
2. The second objective was achieved for all questionnaires although there are no data which can be cited to substantiate this fact.
3. The third objective was achieved well beyond the 75 per cent level as evidenced by the high N values which appear in the Tables and Figures. The least-sized N value occurs in Figure 18. At 145, it is 82 per cent of the total number of agencies. Being based on the dual factors of percentage of budget spent and district of majority offerings the N turns out lower than the N of each factor.
4. The fourth objective was only partially achieved. Numerous delays, some avoidable – some unavoidable, caused the final reporting of the results of the investigation into Continuing Education and Community Services courses and allied learning opportunities in Oregon to fall approximately two months behind. A preliminary edition of the results was, however, completed by the date originally specified for the final report to be made available.

It can therefore be said of the investigation covered by this report that it succeeded, and did so according to the criteria set forth in the funding proposal. Whether or not the report will serve any useful purposes beyond its immediate value as a manifestation of what Title I HEA assistance can do for the Continuing Education and Community Services needs of institutions of higher learning will need await further evaluation.

RECOMMENDATIONS AND SUMMARY

The Survey Speaks to Continuing Education and Community Services Agencies

Rather than chance how well this report might find application, a move was made to formulate a list of recommendations for Continuing Education and Community Services agencies to consider. If followed, they should not only cause the report to be used but they should also hasten some improvements and further professionalization in the field of Continuing Education and Community Services courses and allied learning opportunities or, as preferred, adult education.

Based on numerous observations to be found in the results and discussion portions of this report, it appears that with few exceptions *all agencies should:*

1.Assist in defining in operational language what things constitute Continuing Education, Community Services and adult education in Oregon and, in the process, state how one may be distinguished from the other and where they overlap, e.g. education vs. recreation (see Appendices A and C).

2. Read Tables 1 and 2 in order to become more familiar with what various agencies are doing and where they are operating, and write one another for further particulars as desired.

3. Study the remaining Tables and Figures, taking special notice of the various discrepancies among administrative districts and differences in subject matter availability.

4. Analyze whether the fees they ask for their offerings are fair from the standpoint of the agency itself as well as the prospective registrant. Undercharging can be detrimental to future offerings, while overcharging is often detrimental to both present and future registrations (Table 17 and Figures 20, 21).

5. Consider the fact that certain districts evidently experience fewer offerings per capita than do other districts (Table 3) and ask the question whether the discrepancies are justified or the result of neglect.

6. Review their instructional practices to ascertain what effect, if any, modifying the amount of use they make of face-to-face instruction might have on their effectiveness as Continuing Education and Community Services agencies (see Figure 2).

7. Coordinate, perhaps through various professional groups or existing district Adult Education Councils, on the type, amount and location of Continuing Education and Community Services courses and allied offerings planned, with the intent of reaching as many different adult needs as available resources will allow (see Tables 10, 12, and 14).

8. Request the maximum of funds be made available from existing budgets or from parent agency budgets, taking into account the trends in Table 15 and Figures 17, 18, and 19.

9. Review their accounting and record keeping practices preparatory to participating in possible future such surveys (Survey Comments).

10. Conspire to obtain greater public (tax) support for all Continuing Education and Community Services programs which of necessity must consist of courses and allied learning opportunities of a highly specialized nature (TYPE II, below) and, secondarily, of a highly general nature (TYPE IV, below).

		Number of Different Courses	
		Few	Many
Number of Annual Enrollments	Few	TYPE I	TYPE II
	Many	TYPE III	TYPE IV

Sometimes complex conceptual problems, such as are frequently encountered in the administration of Continuing Education and Community Services courses and like experiences, can be better understood and presented if analyzed according to systems which permit isolation of mutually exclusive and exhaustive categories, or which are very nearly so anyway, e.g.,

Program **TYPE I** = Few courses needed by few students (moderately specialized)

Program **TYPE II** = Many courses needed by few students (highly specialized)

Program **TYPE III** = Few courses needed by many students (moderately general)

Program **TYPE IV** = Many courses needed by many students (highly general)

Most agencies will be able to define what they do as being basically one of these four program types. Some agency programs would of course discover to be of mixed type. Although the variables used in this crossbreak (courses, enrollments) may be appropriate for identifying program and course types for financing purposes, chances are one or the other, or both, would no longer serve well if the nature of the problem or the purpose for classifying it were to change. At times, more than just a two-dimensional design may be found desirable.

The Survey Speaks to Future Surveys

It would not be possible to word all that was learned in conducting this survey. Like most first time efforts, a number of mistakes were made both in planning and in executing the survey. Fortunately for the results, most of the mistakes were of a redeemable sort.

The numerous suggestions made by the various agencies for improving the survey instrument and the survey in general, should it be repeated, together with what has been retained in the way of survey learnings form the basis for the eight recommendations to follow.

Should another survey of Continuing Education and Community Services courses and allied learning opportunities be undertaken, it would be advisable for the contracting agency to:

1. Reexamine the agencies to be included, as new ones will have appeared and existing agencies may cease to offer Continuing Education and Community Services courses and allied learning opportunities.

2. Enlist the support of a survey advisory group. This group could either be composed of especially selected agency heads or consist of Adult Education Council heads or representatives. The group could perform a number of important duties, such as assist in defining terms, identify agencies, plan the information to be gathered, oversee the completion of questionnaires and interviews and advise on the preparation of survey forms and the final survey report.

3. Plan to conduct the survey by submitting to all agencies one year in advance the type of information to be asked of them. The advisory group should consider whether data processing cards or sheet questionnaires would be preferable for agencies to use in submitting their information.

4. Use information collection means which would be appropriate to as many different agency categories as possible. Many agencies had difficulty relating their programs to the existing questionnaire.

5. Seek to establish whether the scope of the present investigation would be adequate again or should be enlarged to include consulting and research and the many other things agencies might be doing, recognizing at the same time all of the attendant definitional and quantification problems which would be present.

6. Decide whether a repetition of this study ought not be combined in some way with statements of needs.

7. Conduct a follow-up study among selected agencies to determine the usefulness to them of the present report and how this kind of reporting might be made more useful.

8. Find out more about what organizations such as the State Department of Education are doing in the way of Continuing Education and Community Services data collection prior to designing any survey instruments.

Summary (What It All Means)

The following summary is written with the layman in mind. It is designed to be used wherever the format of the abstract might not be suitable.

In Oregon, Continuing Education and Community Services courses and allied learning opportunities are a ten-million-dollar-a-year activity. About 86 per cent of the cost is met by participant registration fees, leaving a net loss to the sponsoring agencies of approximately 14 per cent.

This is one of numerous observations which are the result of an Educational Coordinating Council funded study completed in December, 1970, by Dr. David Etter of the Division of Continuing Education.

The study identified a total of 176 Oregon schools and organizations as Continuing Education and Community Services agencies or, as preferred, adult education agencies. The study employed both mailed questionnaires and telephone and personal interviews in compiling information about courses, participants, financing and related areas. Some 1,000 prospective agencies were contacted initially, of which about 600 claimed not to be Continuing Education or Community Services agencies of the type being sought. The overall percentage of response to the survey questionnaire was nearly 78 per cent.

Some of Oregon's less populated districts are apparently getting nearly twice as many course offerings per capita as are some of the most populated districts. For the State as a whole, approximately one registration occurred for every four citizens during May 1, 1969, through April 30, 1970, and the average fee paid was about $15.50. Outdoor Recreation and Physical Education were the most frequently reported offerings.

The average age of participants was estimated to be 37.2 years. Most adults who participate in Continuing Education and Community Services courses and like experiences have completed high school and many have completed college. Most are employed in white-collar or professional occupations. Very few of the 23,000-plus courses recorded in the study had been enrolled in by so-called hard core poor.

The study makes numerous comparisons among agencies, among administrative districts and among the predominant offerings of the various agencies. The study concludes by offering ten follow-up recommendations for Continuing Education and Community Services agencies and eight recommendations for the benefit of future surveys.

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APPENDIX A

EXPLANATION OF THE TERMS CONTINUING EDUCATION AND COMMUNITY SERVICES

Continuing Education is a phase of the total educational process that describes new knowledge and behavior acquired through organized learning opportunities that are not immediately or directly applicable to a skill certificate, a license, a diploma, or a degree. It may comprise either credit or noncredit programs (Grogan, 1969).

In contrast to the more inclusive term adult education, Continuing Education implies considerable previous academic achievement and is frequently on the post-baccalaureate achievement level. Adult education, which does include both Continuing Education and Community Services, usually extends to a minimum educational achievement level of about the sixth grade.

Community Services. To universities and four-year schools, Community Services[1] means a variety of programs and activities directed toward improvement of communities (Robinson, 1969). For these schools the narrow distinction between continuing education and community service lies mainly with the recipient. With continuing education the prime benefactor is more often the individual than an organization or group. In the case of community services, the prime benefactor is more usually some identifiable community organization or group (e.g., firemen, councilmen, OEO administrators).

Community services generally include such activities as

1. Conferences, forums, exhibits, and the like to alert citizens to community problems (e.g., pollution, crime, minority inequities),
2. Consultations with organizations concerned with improvement of community and urban life,
3. Instructional programs for public functionaries, but addressed to governmental tasks and roles rather than individual job skills.

A recent survey of selected Junior Colleges by Beaudoin (1968) would suggest that Community Services and Continuing Education are very nearly synonymous terms for two-year schools as well. To quote from the report,

> Community services appears to be an emerging educational function in junior colleges in many parts of the country. This service, wherever it is found, complements the existing and long established degree programs dealing with university parallel instruction and occupational work.

The survey revealed that the full range of instructional, cultural and informational activities which occur outside two-year schools' parallel instruction and occupational work can and usually do classify as Community Services. To four-year schools and universities, such activities would ordinarily be termed Continuing Education.

*Therefore, for purposes of this report, Continuing Education and Community Services are near-equivalent terms that describe what is defined as continuing education (opening paragraph this appendix) which has been interpreted to exclude consulting, research, noninstructional meetings and self-study.**,[2]

* It is not intended that this definition commit the DCE or its agents to any particular administrative stance or method of operation.

---

[1] In certain areas of the country Community Services are named Community Education.

[2] Self-study: (see Previous Reports under Problem)

APPENDIX B

CPS SURVEY ACTIVITY LIST: CONTINUING EDUCATION AND COMMUNITY SERVICES SURVEY

(For Flow Diagram on Page 218)

Activity Number	Activities (with beginning and ending event numbers)	Conduct with Activities Numbered	Time Unit
1.	Submit completed proposal (1, 2)[a]	-------	1 day
2.	Review by funding agency (2, 4)	4, 5, 7	30 days
3.	Funding notification (4, 5)[b]	5, 7	8 days
4.	Coordinate computer support (2, 3)	2, 5	4 days
5.	Finalize questionnaire and cover letter (2, 5)	2, 3, 4, 7	8 days
6.	Print 2,000 questionnaires (5, 6)	7	14 days
7.	Prepare survey mailing list (3, 6)	2, 3, 6	22 days
8.	Mail questionnaire (1,000 copies)[c] (6, 7)	-------	8 days
9.	Make interview arrangements (7, 9)	10, 11, 13	18 days
10.	Conduct follow-up mailing (600 to 800) (7, 8)	9, 11, 13	25 days
11.	Conduct planned interviews (7, 9)	9, 10, 12, 13, 14	28 days
12.	Compile first progress report (8, 10)[d]	11, 13, 14	1 day
13.	Collect and tabulate data (7, 11)	9, 10, 11, 12, 14, 15, 16	90 days

[a] March 15, 1970.

[b] April 15, 1970.

[c] May 15, 1970.

[d] June 15, 1970.

APPENDIX B
(cont.)

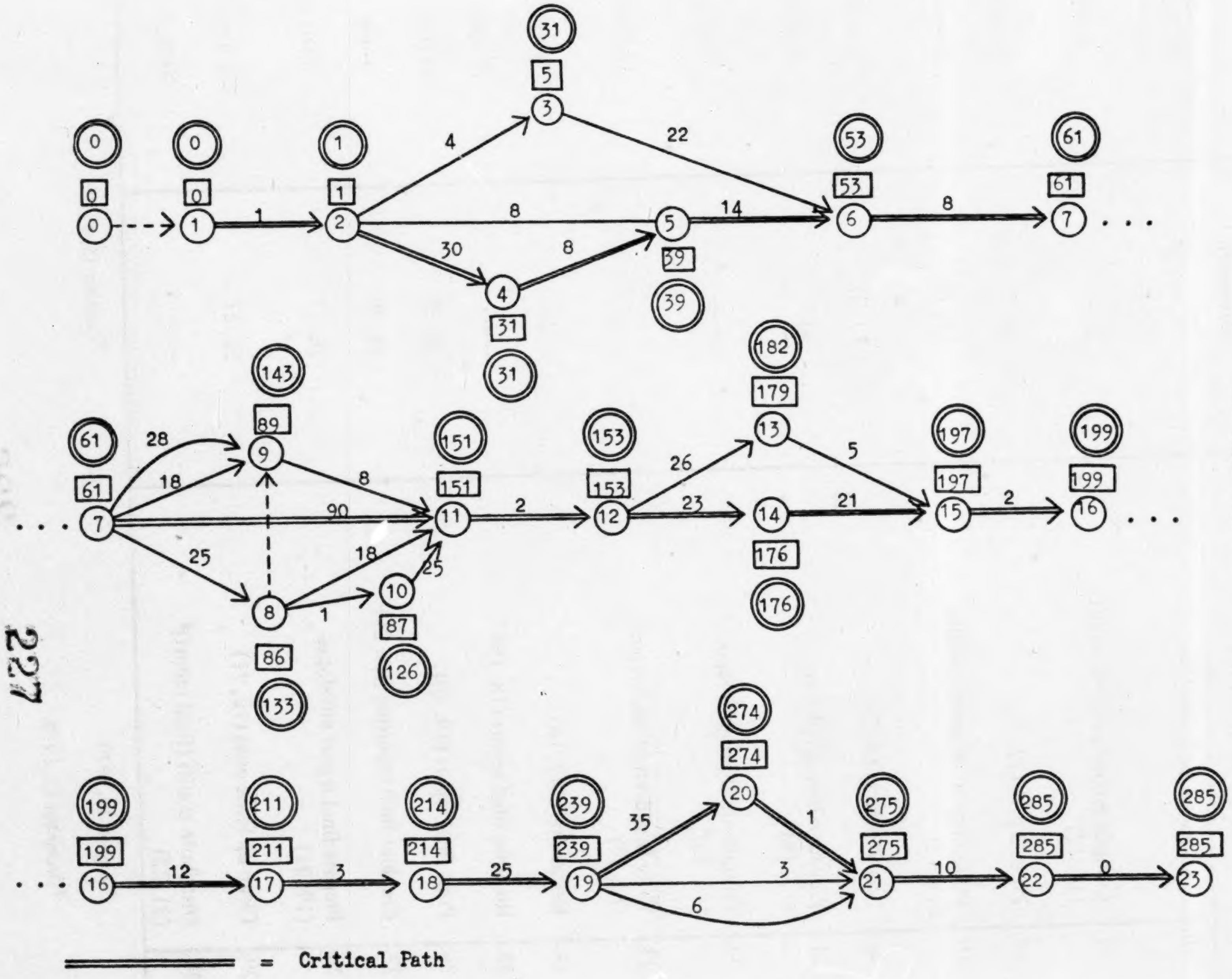
Activity List			
Activity Number	Activities (with beginning and ending event numbers)	Conduct with Activities Numbered	Time Unit
16.	Card punch data (10, 11)	11, 13, 14, 15	25 days
17.	Compile second progress report (11, 12)[e]	-------	2 days
18.	Process data (12, 14)	19	23 days
19.	Design layout of survey results (12, 13)	18, 20	26 days
20.	Analyze data (14, 15)	19, 21	21 days
21.	Prepare tables, graphs, etc. (13, 15)	20	5 days
22.	Compile third progress report (15, 16)[f]	-------	2 days
23.	Write first draft of final report (16, 17)		12 days
24.	Revise draft (17, 18)	-------	3 days
25.	Re-write final report (18, 19)	-------	25 days
26.	Print final report (19, 20)	28, 29	35 days
27.	Conduct final reporting (20, 21)	28, 29	1 day
28.	Prepare final report envelopes (19, 21)	26, 27	3 days
29.	Clean up loose ends (19, 21)	26, 27	6 days
30.	Distribute results (final report)[g] (21, 22)	-------	10 days

[e] August 15, 1970.

[f] October 15, 1970.

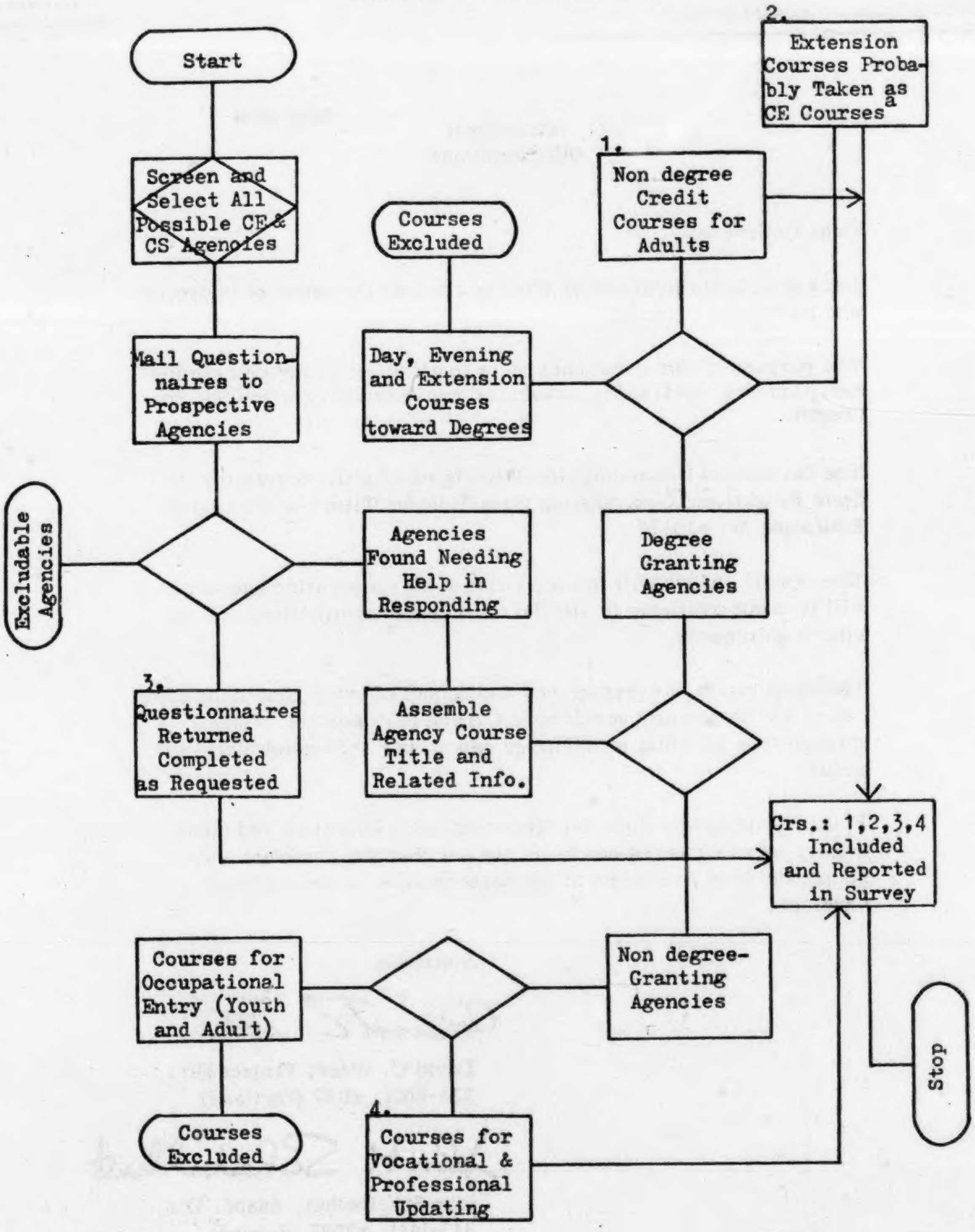
[g] December 15, 1970.

Appendix B - Continued
CPS Flow Diagram



Appendix C

Agency and Courses Inclusion/ Exclusion Decision Flowchart


Start
Screen and Select All Possible CE & CS Agencies
Mail Questionnaires to Prospective Agencies
Excludable Agencies
3. Questionnaires Returned Completed as Requested
Courses Excluded
Day, Evening and Extension Courses toward Degrees
Agencies Found Needing Help in Responding
Assemble Agency Course Title and Related Info.
1. Non degree Credit Courses for Adults
2. Extension Courses Probably Taken as CE Courses[a]
Degree Granting Agencies
Crs.: 1,2,3,4 Included and Reported in Survey
Courses for Occupational Entry (Youth and Adult)
Non degree-Granting Agencies
Courses Excluded
4. Courses for Vocational & Professional Updating
Stop

[a]As judged by the agency (school.)

CONTINUING EDUCATION

a division of the
Oregon State System of Higher Education

1633 Southwest Park Avenue
Postoffice Box 1491
Portland, Oregon 97207
Tel. 503/226-6601

May 1970

APPENDIX D
QUESTIONNAIRE

Dear Colleague:

Lack of reliable information often is cited as the cause of improper and inadequate planning.

The purpose of this questionnaire is to gather information essential for *planning continuing education and community services in Oregon.*

The Division of Continuing Education is making the survey for the State Educational Coordinating Council under Title I of the Higher Education Act of 1965.

The results, which will include a list of all cooperating agencies, will be made available to all who contributed information, and to others on request.

The cooperation of every agency and school offering continuing education and community services in Oregon is important. Only through free information exchange can proper and useful planning occur.

Even if your agency does not offer continuing education and community services as defined here, we ask that you complete and return the first five items of the questionnaire in the enclosed envelope.

Sincerely,

David C. Etter

David C. Etter, Project Dir.
226-6601, x1167 (Portland)

John H. Scheibelhut

John Scheibelhut, Assoc. Dir.
342-1441, x2697 (Eugene)

Continuing Education
and
Community Service
Questionnaire

1. Name ______________________________

2. Agency, school or organization ______________________________

____

3. Phone ______________ Co. or Dist. ______________
(See map)

4. Address ______________ City/Zip ______________

5. Does the above agency conduct Continuing Education or Community Services (as defined below) on either a fee or non-fee basis for persons other than its employes?*

Yes ______________ No ______________

The terms Continuing Education and Community Service describe:

> Organized adult education or training that is not immediately or directly applicable to a skill certificate, a license, a diploma, or a degree. The education or training can be either credit or noncredit in nature. Typically, it is conducted by a wide range of agencies (see item 6, next page).

If you checked "no," simply return the questionnaire now in the enclosed envelope. If you checked "yes," we ask you to proceed with the balance of the questionnaire.

*An association or society offering Continuing Education and Community Services to its members would check "yes." A school would check "yes." A firm or company would probably, but not necessarily, check "no."

APPENDIX D (cont.)

6. Circle the category which best describes your agency or the place in which it functions:

(a) Business or industry
(b) Cooperative extension service
(c) Community college
(d) Foundation
(e) Government agency
(f) Independent college or university
(g) Labor union
(h) Library
(i) Mass communication media
(j) Museum or art institute
(k) Public college or university
(l) Public secondary school
(m) Proprietary school
(n) Religious institution
(o) Voluntary association
(p) Voluntary health or welfare agency
(q) _____________________

7. To help us identify all possible Oregon Continuing Education and Community Service agencies, please provide the name and address or phone number of two non-school agencies that started offering such services in your area within the last three years.

(a) _____________________

____

(b) _____________________

____

8. What would you estimate to be the amount of use your agency makes of the following instructional methods and techniques? (Express in percentages.)

Face to face instruction (lecture, discussion group, field trip, hands-on experience, etc.) _____%

Telecommunication (TV, videotape, radio, computer terminal, etc.) _____%

Independent study (correspondence, programed learning, etc.) _____%

Other (specify) _____%

100%

9. Approximately how many adult students attended your Continuing Education and Community Service offerings between May 1, 1969 and April 30, 1970?

Males _______ Females _______ Total _______

10. What is the actual or estimated educational background of the students who attend your Continuing Education and Community Services offerings? (Express in percentages.)

Less than high school _____% My answers are:

High school _____% actual _____

College _____% estimated _____

Graduate school _____%

Total 100%

11. What is the actual or estimated age of students who attended your Continuing Education or Community Services offerings?

Under 20 _____% My answers are:

20 - 29 _____% actual _____

30 - 39 _____% estimated _____

40 - 49 _____%

50 - 59 _____%

60 and over _____% Total 100%

12. What is the actual or estimated percentage of students by socio-economic group attending your Continuing Education and Community Service offerings?

Managerial/professional _____% My answers are:

White collar _____% actual _____

Blue collar _____% estimated _____

Total 100%

13. Check the percentage of your agency's overall operating budget spent in 1969 on Continuing Education and Community Services.

0 10 20 30 40 50 60 70 80 90 100

14. What percent of the money your agency spent on Continuing Education and/or Community Services in 1969 derived from sources outside your agency which were earmarked for use in Continuing Education and Community Service activities? _________ (Outside sources would exclude fees charged participants.)

15. Check the category which best represents the average per offering fee paid to your agency by its Continuing Education and/or Community Service students or participants.

$ 0 - 9 _____
10 - 19 _____
20 - 29 _____
30 - 39 _____
$40 - 49 _____
50 - 59 _____
60 - 69 _____
70 or over _____

APPENDIX D (cont.)

16. To complete this section of the questionnaire you will need to use the enclosed map of the Administrative Districts of the State of Oregon. On the charts which follow, you are to indicate the number of Continuing Education and Community Service offerings which your agency began or completed between May 1, 1969 and April 30, 1970, by category and district.

In the completed example at right, the agency reports that it provided two offerings of what seems best described as "production" in District 3; four in District 8; and one in District 14. The agency also reports it provided four offerings of "supervision" in District 9; and two in District 13.

SAMPLE:

Offering	Oregon District													
Business/Mgt.	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Production			2					4						1
Supervision									4				2	

If you are unsure as to the exact district of a particular offering, make an arbitrary choice rather than omit the offering from the count.

Offering	Oregon Districts													
16.1 Agriculture and natural resources	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Agriculture, general														
Food science and technology														
Forestry														
Natural resources management														
Other														

Total__________

16.2 Architecture and environmental design	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Architecture														
City, community and regional planning														
Environmental design, general														
Interior design														
Landscape architecture														
Other														

Total__________

16.3 Business and management

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Accounting and bookkeeping														
Banking and finance														
Business English														
Business management and administration														
International business														
Investments and securities														
Marketing and purchasing														
Personnel and training														
Production														
Quantitative methods														
Real estate and insurance														
Secretarial science														
Supervision														
Transportation														
Other														

Total__________

16.4 Communications

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Broadcast technology														
Reading														
Spoken communication														
Written communication														
Other														

Total__________

16.5 Computer and information services

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Computer programing														
Data processing														
Systems, general														
Other														

Total__________

APPENDIX D (cont.)

16.6 Education	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Administration														
Adult and higher education														
Curriculum and instruction														
Educational technology														
Primary and secondary education														
Special education														
Other														

Total__________

16.7 Engineering and technology	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Applied science														
Chemical engineering														
Civil engineering														
Electrical engineering, electronics														
Engineering technologies														
Environmental and sanitary engineering														
Industrial engineering														
Mechanical engineering														
Other														

Total__________

16.8 Fine and applied arts	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Applied design (ceramics, weaving, jewelry, commercial art)														
Painting, drawing, sculpture														
Dance														
Dramatic arts														
Fine arts, general														
Music														
Photography														
Other														

Total__________

APPENDIX D (cont.)

16.9 Languages

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
English as a second language														
Other languages														

Total________

16.10 Health professions

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Allied health sciences														
Dental specialties														
Health professions, general														
Hospital and health care administration														
Medical specialties														
Nursing														
Pharmacy														
Public health														
Other														

Total________

16.11 Home economics and home arts

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Clothing and textiles														
Consumer economics and home management														
Family relations and child development														
Home economics, general														
Other														

Total________

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
16.12 Law														

Total________

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
16.13 Library science														

Total________

	1	2	3	4	5	6	7	8	9	10	11	12	13	1
16.14 Mathematics														

Total________

APPENDIX D (cont.)

16.15 Physical sciences

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Astronomy														
Chemistry														
Geology														
Metallurgy														
Oceanography														
Physics														
Other														

Total____________

16.16 Psychology

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Applied psychology														
Developmental psychology														
Psychometrics														
Social psychology														
Other														

Total____________

16.17 Public affairs and services

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Law enforcement and corrections														
Public administration														
Social work and helping services														
Other														

Total____________

16.18 Recreation and physical education

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Indoor														
Outdoor														

Total____________

APPENDIX D (cont.)

16.19 Technology

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Automotive, Diesel														
Drafting														
Machine														
Metal														
Welding														
Other														

Total____________

16.20 Theology

	1	2	3	4	5	6	7	8	9	10	11	12	13	14

Total____________

16.21 General

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Adult basic education														
Avocational (not covered elsewhere)														
Citizenship														
Driver education														
Manpower development training														
Personal / Family living														
Rehabilitation programs														

Total____________

16.22 Areas not covered above (specify)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
____________														
____________														
____________														
____________														
____________														
____________														
____________														
____________														

Total____________

Grand Total____________

APPENDIX D (cont.)

17. To what extent does your agency maintain the information asked for in questions 8, 9, and 16? (In responding, use the numbers of the questions.)

Not at all__________ Only partially__________

Recorded but not tabulated__________

Complete and tabulated records__________

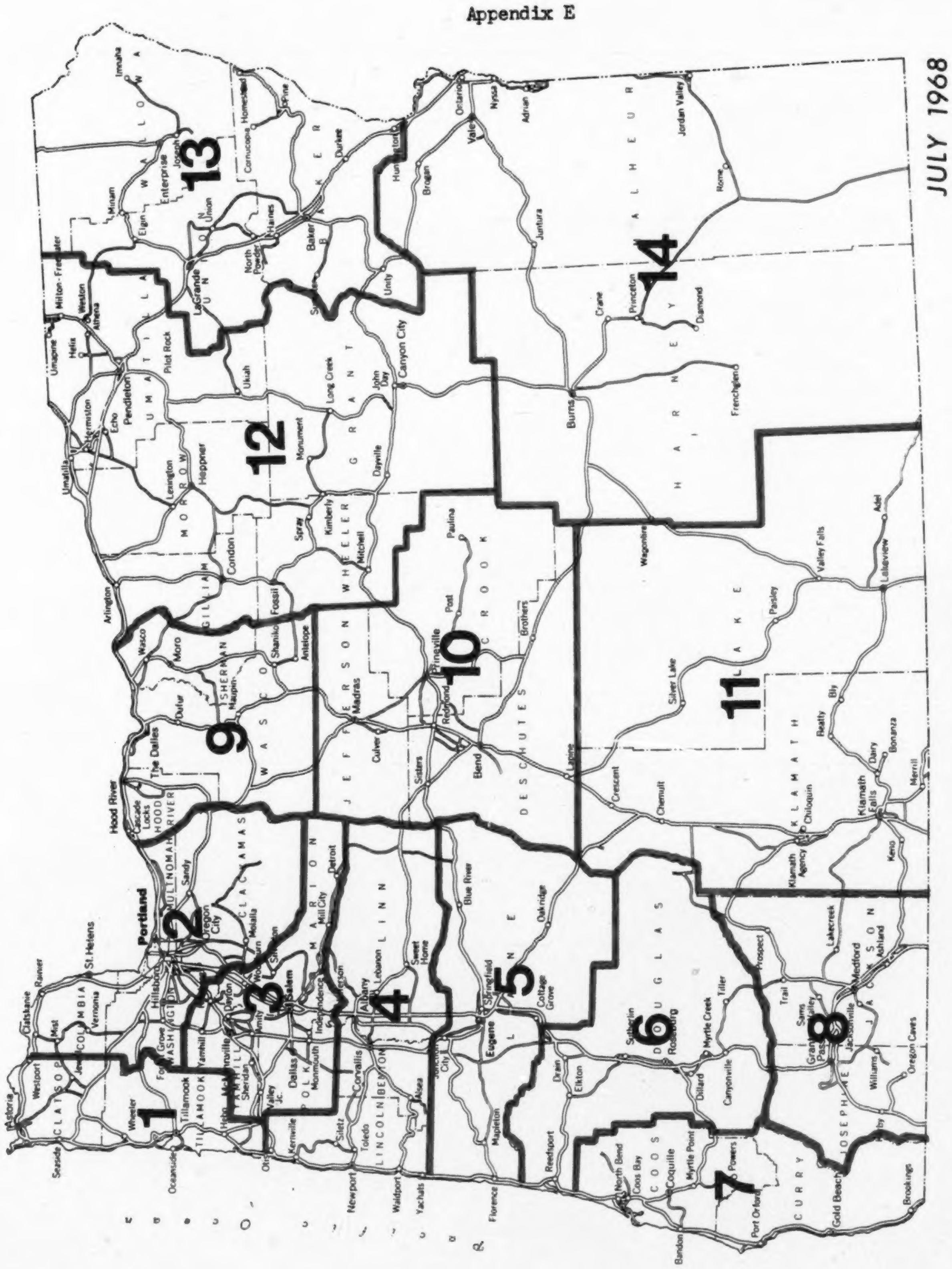
18. Do you have any suggestions as to how this questionnaire might have been otherwise designed or employed? Did we omit anything important? Was it clear enough? Was it too long? Would an interview have been better?

19. If data on Continuing Education and Community Services in Oregon were to be obtained annually from agencies such as yours, how would you suggest it be done? Should a questionnaire be used? Could the job be computerized?

20. **Your efforts have been appreciated. If you have any comments you think should be made, please feel free to make them here.**

Please enclose this questionnaire in the envelope provided and mail at your earliest convenience.

Appendix E



State of Oregon DISTRICTS

Office of the Governor

JULY 1968

— district boundary
5 district number

APPENDIX F

SUPPLEMENTARY QUESTIONNAIRE

Thank you for completing and returning the questionnaire regarding Continuing Education and Community Services activities for Oregon adults.

We have gone over the 650 returns to date (approximately 70%) and discussed the responses with different people involved in Continuing Education and Community Services. It has come to light that one or two additional pieces of information from the agencies offering Continuing Education and Community Services would be most valuable.

Specifically, we would like to know the amount your agency spent (actual or estimated) to conduct Continuing Education and Community Services (courses, conferences, workshops, and etcetera) during the period May 1, 1969 through April 30, 1970.

We would also like to ascertain if you actually conducted the courses your agency reported, or did you facilitate them. In other words, were personnel and dollars belonging to your agency used in the production and provision of organized adult education or training, or for example, did your agency simply provide space for another agency's courses.

Because of the way many courses are offered, there has been some double counting in our survey. If your agency did not conduct the courses we would like to know so that we can report a more accurate count of adult Continuing Education and Community Services in Oregon. If you are the original sponsor, and you do conduct the courses (or at least most of the courses you reported), please tell us this also.

Would you, therefore, please answer the enclosed questions and return them in the envelope provided.

APPENDIX F
(cont.)

Questionnaire number__________

1. The gross amount spent by and/or through our agency in conducting the Continuing Education and Community Services we reported in your questionnaire for the period May 1, 1969 through April 30, 1970 was $_____________*.

2. Of the ______ total courses we reported, forty per cent or more were produced and provided by our agency with our funds, or funds assigned to us, _______T _______F (if less than forty per cent, answer number 3).

3. The agency (ies) which might also report some of the courses and etcetera we reported is (are): (Answer this question only if the courses you reported were not provided and produced largely by your agency, in other words, answer only if you produced less than 40% of the courses you reported.)

____
name city

____
name city

____
name city

[*] Do not use net cost.

APPENDIX G

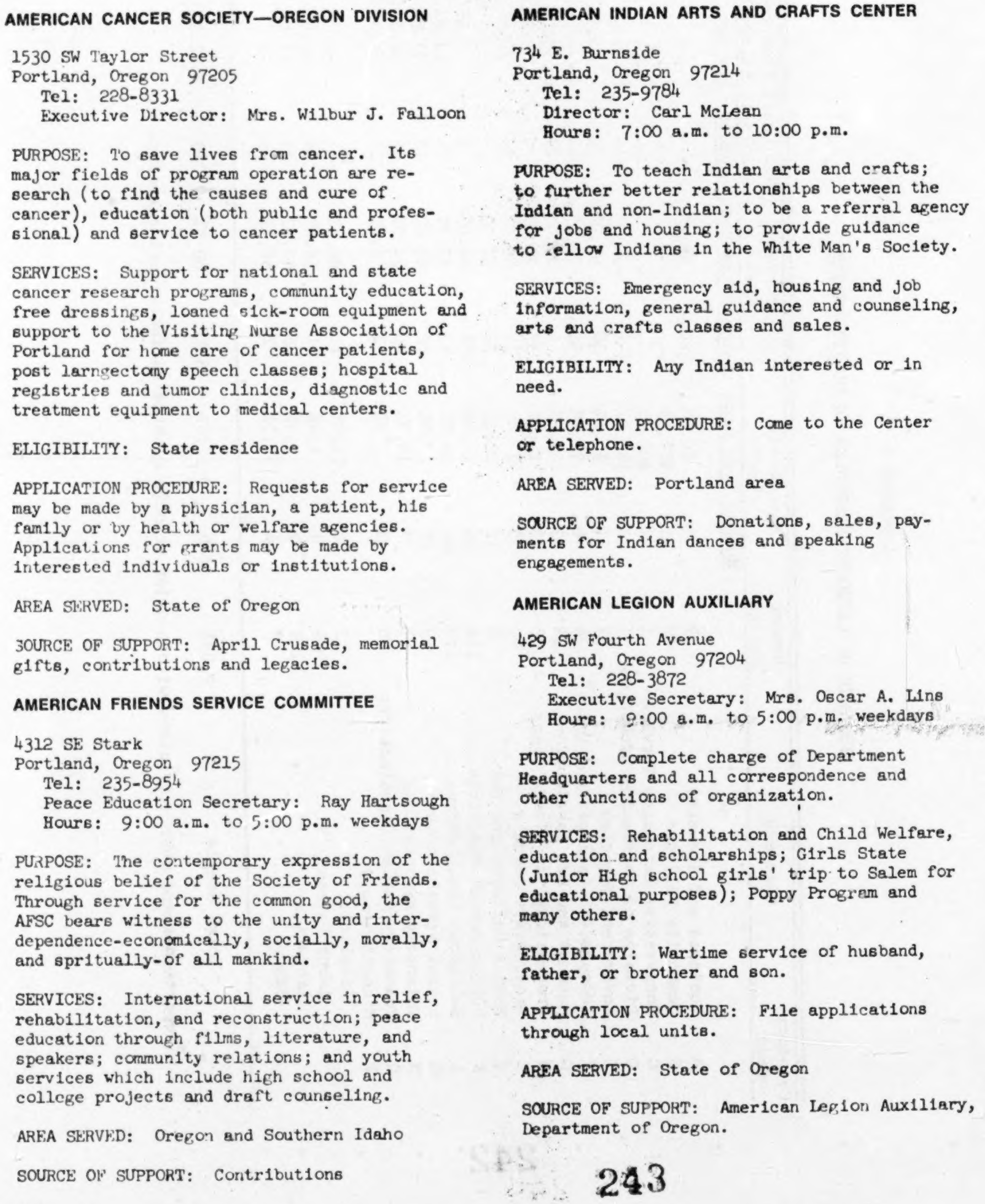
ANALYSIS OF CATEGORY RESPONSES TO QUESTIONNAIRE

Category Code	Category	Number Mailed	Answered "Yes"		Answered "No"		Not heard from and unable to be reached	
			Number	Per Cent	Number	Per Cent	Number	Per Cent
A	Business and Industry	22	2	10.0%	20	90.0%	---	---
B	Community Colleges	12	12	100.0%	---	---	---	---
C	Cooperative Extension Service	1	1	100.0%	---	---	---	---
D	Division of Continuing Education	1	1	100.0%	---	---	---	---
E	Government Agencies	37	5	13.5%	30	81.0%	2	5.5%
F	Independent Colleges and Univ.[a]	24	6	25.0%	18	75.0%	---	---
G	Museums and Art Institutions	22	7	31.8%	4	18.2%	11	50.0%
H	Professional and Trade Assns.	53	13	24.5%	38	71.7%	2	3.8%
I	Proprietary Schools	60	15	25.0%	29	48.2%	16	26.8%
J	Public Colleges and Univ.[a]	35	15	42.8%	20	57.2%	---	---
K	Public School Districts	224	26	11.6¢	190	84.8%	8	3.6%
L	Religious Institutions	177	46	26.0%	57	32.2%	74	41.8%
M	Social Service Groups	69	12	17.4%	42	60.8%	15	21.8%
N	Voluntary Associations	51	7	13.7%	26	51.0%	18	35.3%
O	Voluntary Health Organizations	40	3	7.5%	2	5.0%	35	87.5%
P	Miscellaneous:							
	Hospitals	13	2	15.5%	11	84.5%	---	---
	Labor Unions	76	1	1.4%	41	54.0%	34	44.6%
	Libraries	112	1	1.1%	98	87.5%	13	11.4%
	Other	3	1	33.3%	2	66.7%	---	---
	Total Sample	1,032	176	17.0%	628	60.8%	228	22.2%

[a] Departments and other divisions within major schools counted as individual agencies.

APPENDIX H

Excerpt Facsimiles of Other Reports
Source: Human Resources Directory



AMERICAN CANCER SOCIETY—OREGON DIVISION

1530 SW Taylor Street
Portland, Oregon 97205
Tel: 228-8331
Executive Director: Mrs. Wilbur J. Falloon

PURPOSE: To save lives from cancer. Its major fields of program operation are research (to find the causes and cure of cancer), education (both public and professional) and service to cancer patients.

SERVICES: Support for national and state cancer research programs, community education, free dressings, loaned sick-room equipment and support to the Visiting Nurse Association of Portland for home care of cancer patients, post larngectomy speech classes; hospital registries and tumor clinics, diagnostic and treatment equipment to medical centers.

ELIGIBILITY: State residence

APPLICATION PROCEDURE: Requests for service may be made by a physician, a patient, his family or by health or welfare agencies. Applications for grants may be made by interested individuals or institutions.

AREA SERVED: State of Oregon

SOURCE OF SUPPORT: April Crusade, memorial gifts, contributions and legacies.

AMERICAN FRIENDS SERVICE COMMITTEE

4312 SE Stark
Portland, Oregon 97215
Tel: 235-8954
Peace Education Secretary: Ray Hartsough
Hours: 9:00 a.m. to 5:00 p.m. weekdays

PURPOSE: The contemporary expression of the religious belief of the Society of Friends. Through service for the common good, the AFSC bears witness to the unity and interdependence-economically, socially, morally, and spritually-of all mankind.

SERVICES: International service in relief, rehabilitation, and reconstruction; peace education through films, literature, and speakers; community relations; and youth services which include high school and college projects and draft counseling.

AREA SERVED: Oregon and Southern Idaho

SOURCE OF SUPPORT: Contributions

AMERICAN INDIAN ARTS AND CRAFTS CENTER

734 E. Burnside
Portland, Oregon 97214
Tel: 235-9784
Director: Carl McLean
Hours: 7:00 a.m. to 10:00 p.m.

PURPOSE: To teach Indian arts and crafts; to further better relationships between the Indian and non-Indian; to be a referral agency for jobs and housing; to provide guidance to fellow Indians in the White Man's Society.

SERVICES: Emergency aid, housing and job information, general guidance and counseling, arts and crafts classes and sales.

ELIGIBILITY: Any Indian interested or in need.

APPLICATION PROCEDURE: Come to the Center or telephone.

AREA SERVED: Portland area

SOURCE OF SUPPORT: Donations, sales, payments for Indian dances and speaking engagements.

AMERICAN LEGION AUXILIARY

429 SW Fourth Avenue
Portland, Oregon 97204
Tel: 228-3872
Executive Secretary: Mrs. Oscar A. Lins
Hours: 9:00 a.m. to 5:00 p.m. weekdays

PURPOSE: Complete charge of Department Headquarters and all correspondence and other functions of organization.

SERVICES: Rehabilitation and Child Welfare, education and scholarships; Girls State (Junior High school girls' trip to Salem for educational purposes); Poppy Program and many others.

ELIGIBILITY: Wartime service of husband, father, or brother and son.

APPLICATION PROCEDURE: File applications through local units.

AREA SERVED: State of Oregon

SOURCE OF SUPPORT: American Legion Auxiliary, Department of Oregon.

APPENDIX H (cont.)

Source: Community Service Manpower in Oregon

SECTION I: COMMUNITY SERVICE MANPOWER NEEDS

Chapter

1. BACKGROUND AND SUMMARY OF MANPOWER NEEDS 1
    Purpose of the Study
    Scope of the Study
    Summary of Findings

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    Age of Community Service Workers
    Women in Community Service
    Part-Time Work in Community Service
    Major Community Service Activities

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    Agency Recruiting Experience

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    Replacement Demand in Community Service
    Expansion Demand
    Summary of Forecast Demand

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    Who Handles Personnel and Training in Community Service Agencies?
    Training Policies and Practices
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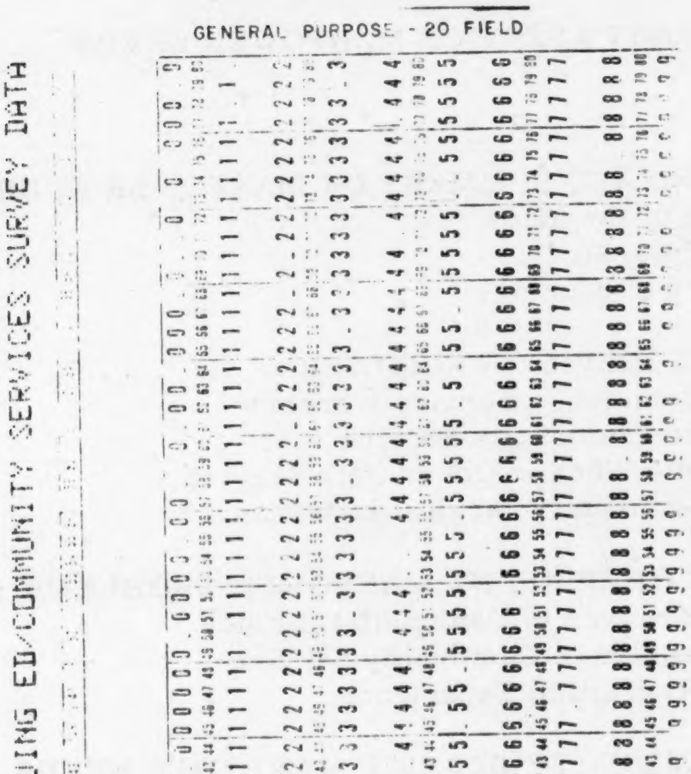
7. INVENTORY OF AVAILABLE TRAINING 101
    Types of Community Service Training
    Pre-Employment Educational Programs
    Short Courses
    Training Needs
    Adequacy of Short-Course Training Resources

APPENDIX: METHODOLOGY 127

APPENDIX I

SECOND MAILING INSERT



GENERAL PURPOSE - 20 FIELD

SIR/OUR COMPUTER SAYS IT NEEDS YOUR CONTINUING ED/COMMUNITY SERVICES SURVEY DATA

APPENDIX J

LIST OF VARIABLES

Questionnaire Item No.	Variable	N[a]
(8)	1. Agency departure from face to face instruction[b]	175
(9)	2. Number of male enrollments	176[c]
(9)	3. Number of female enrollments	176[c]
(9)	4. Total male/female enrollment	176
(10)	5. Educational level of participants served	173
(10)	6. Validity measure: Variable 5	173
(11)	7. Age of participants served	174
(11)	8. Validity measure: Variable 7	174
(12)	9. Socio-economic level of participants served	166
(12)	10. Validity measure: Variable 9	166
(13)	11. Percentage of overall budget spent CE/CS	174
(14)	12. Percentage of outside funds earmarked CE/CS	173
(15)	13. Fee charged participants	176
(16)	14. Total CE/CS course and allied learning opportunity offerings	176

[a] Computations based on lowest N between correlated pairs (Pearson r with item deletion).

[b] See Table 6, Figures 1, 2.

[c] Not comparable with N values of Table 7.

APPENDIX J (cont.)

CORRELATION MATRIX
(Selected r's)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1.		-.03	-.05	-.04	.02	--	.00	--	.06	--	14	-.05	.41*	-.05
2.			.76*	.97*	-.04	--	-.02	--	-.11	--	.00	.01	-.05	.78*
3.				.90*	-.02	--	-.02	--	-.11	--	.09	-.01	-.04	.98*
4.					-.04	--	-.02	--	-.12	--	.03	.01	-.05	.90*
5.						-.09	.07	--	.63*	--	-.01	-.03	.03	-.03
6.								.21	--	.59*	-.15	--	--	.05
7.								-.02	.12	--	-.13	-.08	-.18	-.04
8.										.16	-.12	--	--	.02
9.										-.14	-.15	.06	.07	-.12
10.											.06	-.08	.08	.04
11.												.05	.40*	.07
12.													.14	-.01
13.														-.05
14.														

*Significantly different from zero (.00) at .01 level or better.

APPENDIX K

AGENCIES OFFERING CONTINUING EDUCATION AND COMMUNITY SERVICES COURSES AND ALLIED LEARNING OPPORTUNITIES TO OREGON CITIZENS

Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
1. ALBINA ART CENTER Mr. Dorsey 8 NE Killingsworth Portland, Oregon 97211	G
2. ALL SAINTS' EPISCOPAL CHURCH The Rev. Chester E. Falby P.O. Box 334 Hillsboro, Oregon 97123	L
3. AMERICAN INSTITUTE OF BANKING, Portland Ch. Joy J. Spencer 401 Wilcox Building Portland, Oregon 97204	A
4. AMERICAN RED CROSS Oregon Trail Ch. 4200 SW Corbett Portland, Oregon	M
5. AMERICAN SALESMEN'S ASSOCIATION T. E. Currier P.O. Box 16116 Portland, Oregon 97216	H
6. ANTI-DEFAMATION LEAGUE OF B'NAI B'RITH Seymour H. Kaplan, ACSW 602 Securities Bldg. Seattle, Wash. 98101	N
7. ARCHDIOCESE OF PORTLAND IN OREGON Reverend Emmet Harrington 2138 East Burnside St. Portland, Oregon 97214	L
8. ARTS AND CRAFTS SOCIETY 616 NW 18th Portland, Ore. 97209	G
9. ASHLAND SENIOR HIGH SCHOOL Margaret Zwich 201 S Mountain Ashland, Ore. 97520	K
10. ASSOCIATED GENERAL CONTRACTORS OF AMERICA, INC. Ronald L. Anderson, Director of Manpower & Training 1008 NE Multnomah Portland, Oregon 97232	H
11. ASTORIA PUBLIC LIBRARY Bruce Berney 450 10th Street Astoria, Oregon 97103	P
12. BAKER BUSINESS COLLEGE O. K. Nygord Rand Building Baker, Oregon 97814	I
13. BAKER COUNTY IED Robert O. Eddy Baker, Oregon 97874	K
14. BAPTIST GENERAL CONVENTION OF OREGON-WASHINGTON Bennett C. Cook 811 NW 30th Street Portland, Oregon 97209	L

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[a] See Appendix G for complete code list.

APPENDIX K
(cont.)

Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
15. BEAVERTON BUSINESS COLLEGE Leona Vetesk 10835 SW Canyon Road Beaverton, Ore. 97005	I
16. BLUE MOUNTAIN COMMUNITY COLLEGE, Robert E. Hawk, Dean of Applied Sciences 2411 NW Garden Pendleton, Ore. 97801	B
17. CALVARY BAPTIST CHURCH 1230 Liberty Street SE Salem, Oregon 97302	L
18. CASCADE UNION HIGH SCHOOL Fred Archer Route 1 Turner, Oregon 97392	K
19. CELESTE CAMPBELL SENIOR COMMUNITY CENTER 155 High Street Eugene, Oregon 97401	M
20. CENTRAL LUTHERAN CHURCH Philip L. Natwick, Pastor, 1857 Potter Eugene, Oregon 97403	L
21. CENTRAL OREGON COMMUNITY COLLEGE, Harold R. Black, Chairman DCE Bend, Oregon 97701	B
22. CENTRAL PRESBYTERIAN CHURCH, Norman D. Pott 1475 Ferry Eugene, Oregon 97401	L
23. CHEMEKETA COMMUNITY COLLEGE, Alvin M. Leach 4389 Satter Drive NE Salem, Oregon 97303	B
24. CLACKAMAS COMMUNITY COLLEGE, Marvin W. Weiss, Director of Community Services 270 Warner Milne Road Oregon City, Oregon 97045	B
25. CLATSOP COMMUNITY COLLEGE Evening School Division, Mr. Coleman 16th and Jerome Astoria, Oregon 97103	B
26. CONDON ADMINISTRATION DISTRICT #25 Mr. Forman Warnock, Supt. Box 615 Condon, Oregon 97823	K
27. COOPERATIVE EXTENSION SERVICE, Oregon State University, J. W. Ross 101 Extension Hall, OSU Corvallis, Oregon 97331	C
28. DALLAS SENIOR CENTER Nada Hassler, Director 216 Main Street Dallas, Oregon 97338	M
29. DAMASCUS SCHOOL FOR PIONEER CRAFTS Mrs. Amy H. Miller Box 188, Route 1 Clackamas, Oregon 97015	G
30. DIVISION OF CONTINUING EDUCATION, 1633 SW Park Portland, Oregon 97201	D
31. DIVISION OF MENTAL HEALTH Alcohol and Drug Section Jack E. Keener 309 SW 4th Avenue Portland, Oregon 97204	E

APPENDIX K
(cont.)

Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
32. DYNAMIC EDUCATION CENTERS, Evelyn Wood Reading Dynamics 401 SW Eleventh Portland, Oregon 97205	I
33. EAGLE POINT SCHOOL Ralph Humphrey P.O. Box 548 Eagle Point, Ore. 97524	K
34. EASTERN OREGON COMMUNITY DEVELOPMENT COUNCIL Dale L. Young 801 Adams La Grande, Oregon 97850	M
35. ELECTRONIC COMPUTER PROGRAMMING INSTITUTE OF OREGON Oregonian Building 1320 SW Broadway Portland, Oregon 97201	I
36. ENTERPRISE SCHOOL DISTRICT #21 H. J. Courtney Box 520 Enterprise, Ore. 97828	K
37. EPISCOPAL CHURCH (Good Samaritan) NW 35th & Harrison Blvd. Corvallis, Oregon 97330	L
38. EUGENE HEARING AND SPEECH CENTER Edward D. Risbrough 1202 Almaden P.O. Box 2087 Eugene, Oregon 97402	O
39. EVANGELICAL CHURCH OF NORTH AMERICA, Conference Hdq. Sue Priest, Sec. 1020 Main Street Milwaukie, Oregon 97222	L
40. FIRST BAPTIST CHURCH (Grants Pass) Rev. Stanley A. Brown 142 NE D Grants Pass, Ore. 97526	L
41. FIRST BAPTIST CHURCH (McMinnville) Richard D. Orr 125 S Cowls McMinnville, Ore. 97128	L
42. FIRST CHRISTIAN CHURCH (Albany) Box 607 Linn, Oregon 97321	L
43. FIRST CHRISTIAN CHURCH (Corvallis) Kenneth H. Jones 602 SW Madison Corvallis, Ore. 97330	L
44. FIRST CHRISTIAN CHURCH (Eugene) Clifford N. Trout Eugene, Oregon 97401	L
45. FIRST CONGREGATIONAL CHURCH Royal V. Caldwell 1126 SW Park Portland, Oregon 97205	L
46. FIRST CONGREGATIONAL UNITED CHURCH OF CHRIST 700 Marion NE Salem, Oregon 97301	L
47. FIRST PRESBYTERIAN CHURCH (Pendleton) 251 SW Second Pendleton, Oregon 97801	L
48. FIRST PRESBYTERIAN CHURCH (Roseburg) 823 SE Lane Street Roseburg, Oregon 97470	L

APPENDIX K
(cont.)

Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
49. FIRST UNITED METHODIST CHURCH (Medford) Ross Knotts 607 W Main Street Medford, Oregon 97501	L
50. FIRST UNITED METHODIST CHURCH (Oregon City) Rev. Boone L. White 811 Center Street Oregon City, Oregon 97045	L
51. FIRST UNITED METHODIST CHURCH (Salem) Ted L. Hulbert P.O. Box 2327 Salem, Oregon 97308	L
52. GLENDALE SCHOOL DISTRICT #77 R. C. Carter Box E Glendale, Oregon 97442	K
53. GOLD BEACH HIGH SCHOOL Vern Steward Box 767 Gold Beach, Ore. 97444	K
54. GOOD SAMARITAN HOSPITAL M. Therese Kohles, R.N. 2825 Barnett Road Medford, Oregon 97501	P
55. GRACE LUTHERAN CHURCH 435 NW 21st Corvallis, Oregon 97330	L
56. GRANT UNION HIGH SCHOOL Charles J. Dannen John Day, Oregon 97845	K
57. GRANTS PASS PUBLIC SCHOOL DISTRICT #7 Thomas H. Denney, Director, Adult Educ. 223 SE "M" Street Grants Pass, Ore. 97526	K
58. GREATER PORTLAND COUNCIL OF CHURCHES Clayton F. Rice 0245 SW Bancroft St. Portland, Oregon 97201	L
59. HOLY TRINITY CHURCH 13715 SW Walker Road Beaverton, Ore. 97005	L
60. HOOD RIVER COUNTY SCHOOL Jack A. Jensen, Associate Superintendent P.O. Box 418 Hood River, Ore. 97031	K
61. IMMANUEL LUTHERAN CHURCH Rev. Daniel L. Dowling P.O. Box 6 Salem, Oregon 97387	L
62. I.A.H.P. OF OREGON Carol V. Krasch, N.O. Director 1289 Broadway NE Salem, Oregon 97303	N
63. INTERNATIONAL ACCOUNTING SOCIETY Claude Forkay 5203 NE Sandy Blvd. Portland, Oregon 97213	I
64. INTERSTATE TRAINING SERV. David R. Gibb 4035 NE Sandy Blvd. Portland, Oregon 97212	I
65. IRONWORKERS SHOPMEN'S LOCAL UNION #516 & IRONWORKERS DISTRICT COUNCIL OF THE PACIFIC NORTHWEST Sid Stoddard, Business Agent 622 SE Grand Portland, Oregon 97214	P

APPENDIX K
(cont.)

	Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
66.	JUNCTION CITY SCHOOL DISTRICT 69, THE COMMUNITY SCHOOL 320 W 6th Street Junction City, Ore. 97448	K
67.	KLAMATH BASIN SENIOR CITIZENS' COUNCIL Susan Ala 1451 Main Klamath Falls, Ore. 97601	M
68.	KLAMATH COUNTY SCHOOL DISTRICT Courthouse Klamath Falls, Ore. 97601	K
69.	LA GRANDE KNIFE & FORK CLUB Robert M. Haufle, Secy. P.O. Box 537 La Grande, Ore. 97850	N
70.	LAKE COUNTY SCHOOL DISTRICT #7 Rex Hunsaker P.O. Box 1069 Lakeview, Oregon 97630	K
71.	LAKE GROVE PRESBYTERIAN Rev. Robert C. Graves P.O. Box 1378 Lake Grove Sta. Lake Oswego, Ore. 97034	L
72.	LANE COMMUNITY COLLEGE 4000 E 30th Avenue Eugene, Oregon 97405	B
73.	LEADERSHIP & SALES TRAINING ASSOCIATION Donald E. Deffendall 3131 SE Division Portland, Oregon 97202	I
74.	LINCOLN COUNTY SCHOOL DISTRICT Dean S. Nichols, Dir. of Adult Ed. P.O. Box 97 Newport, Oregon 97365	K
75.	LINFIELD COLLEGE Wesley Caspers, Chairman, Ed. Dept. McMinnville, Ore. 97128	F
76.	LINN-BENTON COMMUNITY COLLEGE Corvallis, Oregon 97331	B
77.	MARION COUNTY SCHOOL DISTRICT #245 George D. Porter P.O. Box 87 Salem, Oregon 97308	K
78.	MAUDE I KERNS ART CENTER Ron Tore Janson 1910 E 15th Eugene, Oregon 97403	G
79.	MEDFORD SCHOOL DISTRICT 549 C Lindsay Vinsel 1900 N Keeneway Medford, Oregon 97501	K
80.	MERRITT DAVIS SCHOOL OF COMMERCE Mr. Ellis Drake 50 Oakway Mall Eugene, Oregon 97401	I
81.	MILWAUKIE ELEMENTARY SCHOOL DISTRICT #1 Ray Buyers P.O. Box 22047 Milwaukie, Ore. 97222	K
82.	MILWAUKIE LUTHERAN CHURCH Rev. Lowell Nelson 3910 SE Lake Road Milwaukie, Ore. 97222	L
83.	MISSIONARY DISTRICT OF EASTERN OREGON (Protestant Episcopal Church) William B. Spofford, Jr. Box 951 Bend, Oregon 97701	L

APPENDIX K
(cont.)

Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
84. MOUNT ANGEL SEMINARY Rev. Daniel Hasenoehrl, O.S.B., Academic Dean Saint Benedict, Ore. 97373	
85. MOUNT HOOD COMMUNITY COLLEGE Mrs. Betty Pritchett 26000 SE Stark Street Gresham, Oregon 97030	B
86. MULTNOMAH COUNTY CIVIL SERVICE OFFICE 1021 SW 4th Portland, Oregon 97204	E
87. MULTNOMAH SCHOOL OF THE BIBLE Joyce L. Kehoe, Registrar 8435 NE Glisan Portland, Oregon 97220	F
88. MUSEUM ART SCHOOL SW Park at Madison St. Portland, Oregon 97205	G
89. MUSEUM OF ART Statewide Services University of Oregon Eugene, Oregon 97403	G
90. NATIONAL ASSOCIATION FOR THE ADVANCEMENT OF COLORED PEOPLE Thomas R. Vickers 2752 N Williams Portland, Oregon 97227	M
91. NATIONAL TRAINING LABORATORIES Charles L. Hosford Oregon Educational Association Building 9600 SW Haines Rd. Tigard, Oregon 97223	P
92. NORTH MARION SCHOOL DISTRICT #15 Route 1, Box 268 Aurora, Oregon 97082	K
93. NORTHWEST OUTWARD BOUND SCHOOL William H. Byrd 3200 Judkins Road Eugene, Oregon 97403	M
94. OFFICE OF STATE FIRE MARSHAL C. L. Dill, Deputy 668 Church Street NE Salem, Oregon 97310	E
95. OFFSET AND DUPLICATING SCHOOL Fred Krepela 241 State Street Salem, Oregon 97301	I
96. OREGON ASSOCIATION OF EDUCATIONAL SECRETARIES Evelyn McKenzie, Pres. 4682 Scenic Drive Eugene, Oregon 97402	H
97. OREGON ASSOCIATION OF NURSERYMEN, INC. F. M. "Merv" Belknap 1812 NW Kearney Street Portland, Oregon 97209	H
98. OREGON ASSOCIATION OF PUBLIC ACCOUNTANTS 1804 NE 43rd Portland, Oregon 97213	H
99. OREGON CONSUMER LEAGUE Janet J. Rathe 3110 NW Luray Terrace Portland, Oregon 97210	N
100. OREGON HEART ASSOCIATION Howard J. Stroud, MPH 1133 SW Morrison Portland, Oregon 97205	O

APPENDIX K
(cont.)

Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
101. OREGON LEAGUE FOR NURSING 718 W Burnside Portland, Oregon 97209	M
102. OREGON MEDICAL ASSOCIATION James A. Kronenberg, Ass. Executive Dir. 2164 SW Park Place Portland, Oregon 97205	H
103. OREGON MUSEUM OF SCIENCE AND INDUSTRY Paul Jandreau 4015 SW Canyon Road Portland, Oregon 97221	G
104. OREGON NURSES ASSOCIATION Klaus Hoenisch, R.N. 1212 Failing Building Portland, Oregon 97204	M
105. OREGON OPTOMETRIC ASSOCIATION Charles A. Dudley, O.D. 2052 SE 179th Street Portland, Oregon 97233	M
106. OREGON PHYSICAL THERAPY ASSOCIATION Gene R. Watkins (contact) Mrs. Thiman 1506 NW Kings Blvd. Corvallis, Oregon 97210	H
107. OREGON STATE BAR Willard M. Bushman 808 SW 15th Portland, Oregon 97205	H
108. OREGON STATE BOARD OF HEALTH Max Braden 1400 SW 5th Avenue Portland, Oregon 97201	E

Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies
109. OREGON STATE UNIVERSITY, SCHOOL OF AGRICULTURE E. C. Stevenson Corvallis, Oregon 97331	J
110. OREGON STATE UNIVERSITY, SCHOOL OF BUSINESS W. H. Post, Assistant to the Dean 211A Bexell Corvallis, Oregon 97330	J
111. OREGON STATE UNIVERSITY, SCHOOL OF FORESTRY Carl H. Stoltenberg, Dean Corvallis, Oregon 97331	J
112. OREGON STATE UNIVERSITY, SCHOOL OF HOME ECONOMICS Corvallis, Oregon 97331	J
113. OREGON STATE UNIVERSITY, HUMANITIES & SOCIAL SCIENCE G. W. Gilkey Corvallis, Oregon 97331	J
114. OUR LADY OF THE LAKE CHURCH & SCHOOL Wancebuh Lake Oswego, Oregon 97034	L
115. PACIFIC ACADEMY OF ACCOUNTANCY Ralph E. Alvord 920 Failing Building Portland, Oregon 97204	I
116. PACIFIC BUSINESS COLLEGE & EDUCATIONAL CENTER C. W. Salser 1119 SW Park Avenue Portland, Oregon 97205	I
117. PEACE LUTHERAN CHURCH 811 NW Carden Pendleton, Oregon 97801	L

APPENDIX K
(cont.)

Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
118. PLANNED PARENTHOOD ASSOCIATION, INC. Jesalee Fosterling 620 NE Broadway Portland, Oregon 97232	M
119. POLK COUNTY IED Mr. Elton Fishback Dallas, Oregon 97338	K
120. PORTLAND AUDOBON SOCIETY Harry Nehls, President 5151 NW Cornell Road Portland, Oregon 97210	N
121. PORTLAND COMMUNITY COLLEGE Portland, Oregon 97219	B
122. PORTLAND SECRETARIAL SCHOOL Mrs. Rohffs 528 SW Hall Street Portland, Oregon 97201	I
123. PORTLAND STATE UNIVERSITY, SCHOOL OF BUSINESS ADMINISTRATION Donald D. Parker P.O. Box 751 Portland, Oregon 97201	J
124. PORTLAND STATE UNIVERSITY, URBAN STUDIES CENTER Sumner M. Sharpe P.O. Box 751 Portland, Oregon 97201	J
125. PRESBYTERIAN CHURCH HEADQUARTERS Synod of Oregon 0245 SW Bancroft Portland, Oregon 97201	L
126. PURCHASING MANAGEMENT ASSN. OF OREGON Ronald G. Brown, Chairman Pro-D 519 SW 3rd Avenue Portland, Oregon 97204	H
127. REAL ESTATE SCHOOL OF OREGON Bernice Wochnick 904 SW Main Portland, Oregon 97205	I
128. READ COLLEGE, GRADUATE STUDIES OFFICE Mrs. Zook 3203 SE Woodstock Portland, Oregon 97202	F
129. REEDSPORT PUBLIC SCHOOLS DISTRICT #105 Robert Benson, Curriculum Coordinator 199 North 12th Reedsport, Oregon 97467	K
130. REORGANIZED CHURCH OF JESUS CHRIST OF LATTER DAY SAINTS Herbert W. Patrick 3602 SE 166th Avenue Portland, Oregon 97236	L
131. ROGUE VALLEY MEMORIAL HOSPITAL M. Therese Kohles, R.N. 2825 Barnett Road Medford, Oregon 97501	P
132. ST. CECILIA CHURCH Rev. Anthony V. Gerace 5105 SW Franklin Beaverton, Oregon 97005	L
133. ST. MARK'S EPISCOPAL PARISH CHURCH P.O. Box 566 Medford, Oregon 97501	L
134. ST. MARY'S CHURCH (Corvallis) 501 NW 25th Corvallis, Oregon 97330	L
135. SAINT MARY'S CHURCH 1062 Charnelton Eugene, Oregon 97401	L

APPENDIX K
(cont.)

	Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
136.	SAINT MARY'S CATHOLIC CHURCH Confraternity of Christian Doctrine P.O. Box 465 Mount Angel, Ore. 97362	L
137.	SAINT MONICA'S PARISH Fr. Elwin C. Schwab P.O. Box 480 Coos Bay, Oregon 97420	L
138.	SAINT STEPHEN LUTHERAN CHURCH 290 W. Gloucester Gladstone, Oregon 97027	L
139.	SALES TRAINING, INC. James L. Rickey 2104 SW 5th Portland, Oregon 97201	I
140.	SANCHEZ SCHOOLS Fred Sanchez 11126 NE Halsey Portland, Oregon 97220	I
141.	SHERMAN COUNTY UNION HIGH SCHOOL Box 425 Moro, Oregon 97039	K
142.	SOCIETY OF REAL ESTATE APPRAISERS, CHAPTER 42 Harold W. Steen 14609 SW Uplands Drive Lake Oswego, Ore. 97034	H
143.	SOUTHWESTERN OREGON COMMUNITY COLLEGE Dr. John R. Rulifson Coos Bay, Oregon 97420	B
144.	SPRINGFIELD CHRISTIAN CHURCH Earl Gibbs 418 North A Street Springfield, Oregon 97477	L
145.	STAYTON UNION HIGH SCHOOL DISTRICT 757 West Locust Stayton, Oregon 97383	K
146.	TEKTRONIX, INC. James A. Sayer Educ. & Train. Dept. P.O. Box 500 Beaverton, Oregon 97005	A
147.	TIGARD SCHOOL DISTRICT 23J Mr. Taylor 13137 SW Pacific Hwy. Tigard, Oregon 97223	K
148.	TILLAMOOK COUNTY ADULT EDUCATION CENTER Richard N. Larsen, Coordinator P.O. Box 469 Tillamook, Ore. 97141	K
149.	TREASURE VALLEY COMMUNITY COLLEGE Harry D. Hoch 650 College Blvd. Ontario, Oregon 97914	B
150.	TRINITY LUTHERAN CHURCH P.O. Box 271 507 West Powell Blvd. Gresham, Oregon 97030	L
151.	UMPQUA COMMUNITY COLLEGE Robert M. Moldenhauer P.O. Box 967 Roseburg, Oregon 97470	B
152.	UNION COUNTY INTERMEDIATE EDUC. DISTRICT Ward W. Weissenfluh 1605 Adams La Grande, Oregon 97850	K

APPENDIX K
(cont.)

	Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies[a]
153.	UNION GOSPEL MISSION R. J. Newsom 15 NW Third Portland, Oregon 97209	L
154.	UNITED METHODIST CHURCH OF FOREST GROVE Nevitt B. Smith 2213 18th Avenue Forest Grove, Ore. 97116	L
155.	UNITED METHODIST CHURCH OF McMINNVILLE Second and Ford McMinnville, Oregon 97128	L
156.	UNITED PRESBYTERIAN CHURCH CHURCH OF ALBANY Morton L. Booth 330 West 5th Avenue Albany, Oregon 97321	L
157.	U.S. CIVIL SERVICE COMMISSION Regional Training Center James W. Brogan Federal Building Seattle, Wash. 98114	E
158.	UNIVERSITY OF OREGON, BUREAU OF GOVERNMENTAL RESEARCH & SERVICE Kenneth C. Tollenaar P.O. Box 3177 Eugene, Oregon 97407	J
159.	UNIVERSITY OF OREGON, COLLEGE OF BUSINESS ADMINISTRATION Eugene, Oregon 97403	J
160.	UNIVERSITY OF OREGON DENTAL SCHOOL Louis G. Terkla, D.M.D. Dean 611 S.W. Campus Drive Portland, Oregon 97201	J
161.	UNIVERSITY OF OREGON MEDICAL SCHOOL M. Roberts Gorver, Jr., M.D., Director of Continuing Education 3181 SW Sam Jackson Park Road Portland, Oregon 97201	J
162.	UNIVERSITY OF OREGON, OREGON CENTER FOR GERONTOLOGY Frances A. Scott, Director 1597 Agate Street Eugene, Oregon 97403	J
163.	UNIVERSITY OF OREGON, SCHOOL OF EDUCATION Thomas Dahle for Paul Jacobson Eugene, Oregon 97403	J
164.	UNIVERSITY OF OREGON SCHOOL OF LAW Eugene F. Scoles Eugene, Oregon 97403	J
165.	UNIVERSITY OF OREGON, SCHOOL OF LIBRARIANSHIP Perry D. Morrison, Acting Dean Eugene, Oregon 97403	J
166.	UNIVERSITY OF PORTLAND Pat Lawless Portland, Oregon 97203	F
167.	URBAN LEAGUE, PROJECT OUTREACH 5329 NE Union Avenue Portland, Oregon 97211 James O. Brooks	M
168.	WESTERN CONSERVATIVE BAPTIST SEMINARY 5511 SE Hawthorne Blvd. Portland, Oregon 97215	F

APPENDIX K
(cont.)

	Agency Name and Address and Survey Contact Person	Category Code as Determined by Agencies
169.	WESTMINSTER PRESBYTERIAN CHURCH (Medford) John O. Reynolds 2000 Oakwood Drive Medford, Oregon 97501	L
170.	WESTMINSTER PRESBYTERIAN CHURCH (Salem) 3737 Liberty Road South Salem, Oregon 97302	L
171.	WILLAMETTE T.B. AND RESPIRATORY DISEASE ASSOCIATION, INC. 1890 State Street Salem, Oregon 97301	O
172.	WORLD AFFAIRS COUNCIL OF OREGON Mrs. C. J. Dieringer, Office Manager 614 SW Montgomery Portland, Oregon 97201	N
173.	WORLD WITHOUT WAR COUNCIL Lois Barton 941 Lincoln Street Eugene, Oregon 97401	N
174.	YOUNG MEN'S CHRISTIAN ASSOCIATION 522 West Sixth Medford, Oregon 97507	M
175.	YOUNG WOMEN'S CHRISTIAN ASSOCIATION (Portland) Mrs. Marsha Mulvey Mrs. Janet Gurney 1111 SW Tenth Portland, Oregon 97201	M
176.	YOUNG WOMEN'S CHRISTIAN ASSOCIATION (Salem) 768 State Salem, Oregon 97310	M

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